
Accumulated Wisdom

Bumper Stickers, Fortune Cookies, Pre-Twitter

*Collected by,
Sometimes edited by,
Not necessarily the opinion of*

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Age

1. Do not try to live forever. You will not succeed.
George Bernard Shaw
2. Hang onto your old friends . . . there may come a day when there's no good reason for people to like you except out of habit. *Garrison Keillor*
3. Health is merely the slowest possible rate at which one can die. *Unknown*
4. How old would you be if you didn't know how old you was? *Satchel Paige*
5. I don't know how I got over the hill without getting to the top. *Unknown*
6. I plan to live forever; so far, so good. *Unknown*
7. I think age is a very high price to pay for maturity.
Tom Stoppard
8. I'd like to grow old as slowly as possible. *Irene Mayer Selznick*
9. Old age is like a plane flying through a storm; once you are aboard there is nothing you can do. *Golda Meir*
10. Old age is not for sissies. *Bette Davis*
11. Old men are dangerous: it doesn't matter to them what is going to happen to the world. *George Bernard Shaw*
12. The mind that is wise mourns less for what age takes away; than what it leaves behind. *William Wordsworth*
13. The old begin to complain of the conduct of the young when they themselves are no longer able to set a bad example. *Francois De La Rochefoucauld*
14. The older I grow, the harder it is to find a famous person who wasn't famous at my age. *Unknown*
15. The older I grow, the more I distrust the familiar doctrine that age brings wisdom. *H. L. Mencken*
16. The really frightening thing about middle age is the knowledge that you'll grow out of it. *Doris Day*
17. Time is a great teacher. Unfortunately, it kills all its pupils. *Berlioz*
18. Time may be a great healer, but it's a lousy beautician. *Unknown*
19. We grow neither better nor worse as we get old, but more like ourselves. *May Lamberton Becker*
20. What most persons consider as virtue, after the age of 40, is simply a loss of energy. *Voltaire*
21. You are grown up when "How old are you?" is computation, not recall.
22. You are old when you no longer worry about dying young.
23. Youth is wasted on the young. *George Bernard Shaw*

Art

24. Art is the imposing of a pattern on experience, and our aesthetic enjoyment is recognition of the pattern. *Alfred North Whitehead*
25. Life without industry is guilt; industry without art is brutality. *Unknown*

Communication

26. Breakdowns in communication are of two types: he's not listening well or he's not explaining well.

- 27. Every improvement in communication makes the bore more terrible. *Frank Moore Colby*
- 28. It is simplicity that makes the uneducated more effective than the educated when addressing popular audiences. *Aristotle*
- 29. Listening well is as powerful a means of communication and influence as to talk well. *John Marshall*
- 30. No one has ever written a great book with his thumbs. *Thomas Friedman*
- 31. The single biggest problem in communication is the illusion that it has taken place. *George Bernard Shaw*
- 32. Think like a wise man but communicate in the language of the people. *William Butler Yeats*

Computers

- 33. All programmers are playwrights and all computers are lousy actors. *Unknown*
- 34. Any important system should be meticulously planned, designed, coded, tested, debugged, and deployed . . . then discarded and done over.
- 35. Asking if computers can think is like asking if submarines can swim. *Unknown*
- 36. Computers are not intelligent; they only think they are. *Unknown*
- 37. Computers are useless. They can only give you answers. *Pablo Picasso*
- 38. Computers can figure out all kinds of problems, except the things in the world that just don't add up. *James Magary*
- 39. Home computers are being called upon to perform many new functions, including the consumption of homework formerly eaten by the dog. *Doug Larson*
- 40. If debugging is the process of removing bugs from programs, then programming must be the process of putting them in. *Unknown*
- 41. If you stare long enough at the block of code you know is bad and can't see the problem, the problem is somewhere else.
- 42. Life was simple before World War II. After that, we had systems. *Grace Murray Hopper*
- 43. No computer will ever ask a new question. *Grace Murray Hopper*
- 44. Not even computers will replace committees, because committees buy computers. *Edward Shepherd Mead*
- 45. Part of the inhumanity of the computer is that, once it is competently programmed and working smoothly, it is completely honest. *Isaac Asimov*
- 46. The most likely way for the world to be destroyed, most experts agree, is by accident. That's where we come in; we're computer professionals. We cause accidents. *Nathaniel Borenstein*
- 47. The real danger is not that computers will begin to think like men, but that men will begin to think like computers. *Sidney J. Harris*
- 48. The real question is not whether machines think but whether men do. *B. F. Skinner*
- 49. There are only two kinds of programming languages: those people always bitch about and those nobody uses. *Bjarne Stroustrup*

50. To err is human; to blame it on a computer is even more so. *Robert Orben*
51. To err is human; to really foul things up takes a computer. *Anon.*
52. With computers, there are no intelligent mistakes to make.

Consistency

53. A man must be a great fool who can't spell a word more than one way. *Marshall Brown*
54. Consistency is the last refuge of the unimaginative. *Oscar Wilde*
55. Consistency requires you to be as ignorant today as you were a year ago. *Bernard Berenson*
56. He that never changes his opinions, never corrects his mistakes, and will never be wiser on the morrow than he is today. *Tryon Edwards*

Cycling

57. A head wind will change when you head home.
58. The greatest waste of energy is a stop sign at the bottom of a hill.
59. The shortest distance has the steepest hills. *Unknown*
60. Up-hills are too hard to brake on down-hills. *Unknown*
61. What coasts down must pedal up.

Economists

62. An economist's guess is liable to be as good as anybody else's. *Will Rogers*

63. For economists, the real world is often a special case. *Edgar Fiedler*
64. Give me a one-armed economist. All my economists say, On the one hand; on the other. *Harry Truman*
65. If all the economists were laid end to end, they'd never reach a conclusion. *George Bernard Shaw*
66. There is nothing an economist should fear as much as applause. *Herbert Marshall*

Education

67. A comprehensive education is a well-stocked pharmacy: but we have no assurance that potassium cyanide will not be administered for a head cold. *Karl Kraus*
68. A fool's brain digests philosophy into folly, science into superstition, and art into pedantry. Hence University education. *George Bernard Shaw*
69. A man who has never gone to school may steal from a freight car; but if he has a university education, he may steal the whole railroad. *Theodore Roosevelt*
70. Before we can do *value-added* calculations, we need to know the values of a five-year-old and an 18-year-old.
71. Educate a man and you have an educated man; educate a woman and you have an educated family. *Unknown.*
72. Education ... has produced a vast population able to read but unable to distinguish what is worth reading. *G. M. Trevelyan*
73. Education does not mean teaching people to know what they do not know; it means teaching them to behave as they do not behave. *John Ruskin*

74. Education is a process of living and not a preparation for future living. *John Dewey*
75. Education is a progressive discovery of our own ignorance. *Will Durant*
76. Education is not the filling of a pail, but the lighting of a fire. *W. B. Yeats*
77. Education is that which discloses to the wise and disguises from the foolish their lack of understanding. *Ambrose Bierce*
78. Education is the ability to listen to almost anything without losing your temper. *Robert Frost*
79. Education is what survives when what has been learned has been forgotten. *B. F. Skinner*
80. Education's purpose is to replace an empty mind with an open one. *Malcolm Forbes*
81. Everywhere I go I'm asked if I think the university stifles writers. My opinion is that they don't stifle enough of them. *Flannery O'Conner*
82. For education, documenting the cost of production is easy; placing a value on the raw material or the finished product is not.
83. I am beginning to suspect all elaborate and special systems of education. They seem to me to be built up on the supposition that every child is a kind of idiot who must be taught to think. *Anne Sullivan*
84. I am convinced that the time spent by the teacher in digging out of the child what she has put into him, for the sake of satisfying herself that it has taken root, is so much time thrown away. *Anne Sullivan*.
 - It's not great gardening either.
85. I respect faith, but doubt is what gets you an education. *Wilson Mizner*
86. I hear and I forget. I see and I remember. I do and I understand. *Proverb*
87. If you think education is expensive, try ignorance. *Andy McIntyre*
88. If you think in terms of a year, plant a seed; if in terms of ten years, plant trees; if in terms of 100 years, teach the people. *Confucius*
89. If your education does not speak for itself, it's not worth talking about. *Unknown*
90. I'm sure the reason such young nitwits are produced in our schools is because they have no contact with anything of any use in everyday life. *Petronius* (d. circa 66 CE)
91. In large states, public education will always be mediocre, for the same reason that, in large kitchens, the cooking is usually bad. *Friedrich Nietzsche*
92. In the case of good books, the point is not how many of them you can get through, but rather how many can get through to you. *Mortimer Adler*
93. It is a good thing for an uneducated man to read books of quotations. *Winston Churchill*
94. It is a miracle that curiosity survives formal education. *Albert Einstein*
95. It is our American habit if we find the foundations of our educational structure unsatisfactory to add another story or wing. *John Dewey*
96. It is the mark of an educated mind to be able to entertain a thought without accepting it. *Aristotle*

97. Let us reform our schools, and we shall find little need of reform in our prisons. *John Ruskin*
98. Men are born ignorant, not stupid. They are made stupid by education. *Bertrand Russell*
99. Nothing in education is so astonishing as the amount of ignorance it accumulates in the form of inert facts. *Henry B. Adams*
100. Only people who die very young learn all they really need to know in kindergarten. *Wendy Kaniner*
101. Only self-educated is educated. Others are merely taught. *Erno Paasilinna*
102. The goal of education is to equip students to create increasingly complex solutions to increasingly complex problems.
103. The great aim of education is not knowledge but action. *Herbert Spencer*
104. The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn. *Alvin Toffler*.
105. The one real object of education is to have a man in the condition of continually asking questions. *Bishop Mandell Creighton*
106. The things taught in schools and colleges are not an education, but the means of education. *Ralph Waldo Emerson*
107. To be able to be caught up into the world of thought -- that is educated. *Edith Hamilton*
108. To the uneducated, an A is just three sticks. *A. A. Milne*
109. We are faced with the paradoxical fact that education has become one of the chief obstacles to intelligence and freedom of thought. *Bertrand Russell*
110. We learn by example and by direct experience because there are real limits to the adequacy of verbal instruction. *Malcolm Gladwell*,
111. What is wanted is not the will to believe, but the will to find out, which is the exact opposite. *Bertrand Russell*
112. What we call education and culture is for the most part nothing but the substitution of reading for experience, of literature for life, of the obsolete fictitious for the contemporary real. *George Bernard Shaw*
113. What we want is to see the child in pursuit of knowledge, and not knowledge in pursuit of the child. *George Bernard Shaw*
114. Without education we are in a horrible and deadly danger of taking educated people seriously. *G K Chesterton*
115. Whoever ceases to be a student has never been a student. *George Iles*
- Experience**
116. An expert is a man who has made all the mistakes that can be made, in a narrow field. *Niels Bohr*
117. Education is when you read the fine print. Experience is what you get if you don't. *Pete Seeger*
118. Experience is a hard teacher because she gives the test first, the lesson afterward. *Vernon Law*
119. Experience is composed rather of illusions lost than wisdom gained. *Unknown*

120. Experience is simply the name we give our mistakes. *Oscar Wilde*
121. Experience is the comb that Nature gives us after we are bald. *Belgian proverb*
122. Experience is wisdom you don't have until just after you need it. *Unknown*
123. Good judgment comes from experience. Experience comes from bad judgment. *Margaret Atwood*
124. Idealism is what precedes experience; cynicism is what follows. *Unknown*
125. Men are wise in proportion, not to their experience, but to their capacity for experience. *James Boswell*
126. The trouble with learning from experience is that you never graduate. *Doug Larson*
127. Traditions are group efforts to keep the unexpected from happening. *Barbara Tober*
128. We learn from experience that men never learn anything from experience. *George Bernard Shaw*
129. Wish I didn't know now what I didn't know then. *Bob Seger*

Genius

130. Doing easily what others find difficult is talent; doing what is impossible is genius. *Unknown*
131. The public is wonderfully tolerant. It forgives everything except genius. *Oscar Wilde*
132. When a true genius appears in the world, you may know him by this sign, that the dunces are all in confederacy against him. *Jonathan Swift*

Happiness

133. A person is never happy except at the price of some ignorance. *Anatole France*
134. Every time I talk to a savant I feel quite sure that happiness is no longer a possibility. Yet when I talk with my gardener, I'm convinced of the opposite. *Bertrand Russell*
135. Give a man health and a course to steer, and he'll never stop to trouble about whether he's happy or not. *George Bernard Shaw*
136. No one can be truly happy without teaching others. *Claire Wright*
137. People are just about as happy as they make up their minds to be. *Abraham Lincoln*
138. The only way to avoid being miserable is not to have enough leisure to wonder whether you are happy or not. *George Bernard Shaw*
139. The time you enjoy wasting is not wasted time. *Bertrand Russell*
140. To be without some of the things you want is an indispensable part of happiness. *Bertrand Russell*
141. You can never have enough of what you don't need to make you happy. *Eric Hoffer*

History

142. History is Philosophy teaching by example. *Thucydides*
143. History teaches us the mistakes we are going to make. *Laurence J. Peter*

144. If history repeats itself, and the unexpected always happens, how incapable must Man be of learning from experience. *George Bernard Shaw*
145. If history repeats itself, the price is twice as high. *Unknown*
146. Men and nations behave wisely once they have exhausted all other alternatives. *Unknown*
147. One of the lessons of history is that nothing is often a good thing to do and always a clever thing to say. *Will Durant*
148. The farther backward you can look, the farther forward you will see. *Winston Churchill*
149. One of the saddest lessons of history is this: If we've been bamboozled long enough, we tend to reject any evidence of the bamboozle. *Carl Sagan*

Insults

150. Atlee is a very modest man. And with reason. *Winston Churchill*
151. Body by Fisher -- brains by Mattel
152. "Bring a friend, if you have one." *G.B. Shaw, Inviting Churchill to opening night of a Shaw play.*
"Unable to attend opening night, but would be very pleased to attend the second night *if there is one.* *Winston Churchill*
153. He has Van Gogh's ear for music. *Billy Wilder*
154. If he had read more, he would have discovered less. *Unknown*
155. I am sitting in the smallest room of the house. Your review is before me. Soon it will be behind me. *Talulah Bankhead responding a negative review*

156. I've had a perfectly wonderful evening. But this wasn't it. *Groucho Marks*
157. She had lost the art of conversation but not, unfortunately, the power of speech. *George Bernard Shaw*
158. ...that mixture in his voice of awe and reverence and lust which burns in a Frenchman's eye when it falls on another man's centime. *Mark Twain*
159. There's a conspiracy of silence about me, Oscar. What should I do?
Oscar Wilde "Join it."
160. *Woman:* Mr. Churchill, if I were your wife, I'd poison your tea.
Churchill: Madam, if I were your husband, I would drink it.
161. *Woman:* Mr. Churchill, you are extremely drunk!
Churchill: And you, Madame, are extremely ugly. But tomorrow, I shall be sober.
162. Your parents owe the world a retraction. *David Lloyd*

Intelligence

163. A great many people think they are thinking when they are really rearranging their prejudices. *Edward R. Murrow*
164. A man's bewilderment is the measure of his wisdom. *Nathaniel Hawthorne*
165. Does our big brain make us different or our big head make us think we are?
166. If the human brain were so simple that we could understand it, we would be so simple that we couldn't. *Unknown*

167. *Intelligence*, if it is more than experience, is the capacity to learn from experience.
168. Judge others by their questions rather than by their answers. *Voltaire*
169. Many people would sooner die than think; in fact, they do so. *Bertrand Russell*
170. Of all the ways of defining man, the worst is the one which makes him out to be a rational animal. *Anatole France*
171. Remembering numbers is a verbal skill; seeing relationships is quantitative.
172. So far as I can remember, there is not one word in the Gospels in praise of intelligence. *Bertrand Russell*
173. The essence of intelligence is skill in extracting meaning from everyday experience. *Unknown*
174. The intelligent man who is proud of his intelligence is like the condemned man who is proud of his large cell. *Simone Weil*
175. The mark of a truly intelligent person is to be moved by statistics. *George Bernard Shaw*
176. Wisdom is finding joy in bewilderment. *Peter S. Beagle*

Knowledge

177. A conclusion is the place where you got tired of thinking. *Steven Wright*
178. A little knowledge is a dangerous thing because its complement is a lot of ignorance.
179. An ignorant person is one who doesn't know what you have just found out. *Will Rogers*

180. Enthusiasm without knowledge is like running in the dark. *Unknown*
181. He who thinks he knows does not yet know what knowing is. *Montaigne*
182. I was born not knowing and have had only a little time to change that here and there. *Richard Feynman*
183. If knowledge can create problems, it is not through ignorance that we can solve them. *Isaac Asimov*
184. Ignorance gives one a large range of probabilities. *George Eliot*
- Eliot was a Bayesian?
185. It is no good to try to stop knowledge from going forward. Ignorance is never better than knowledge. *Enrico Fermi*
186. It isn't what we don't know that gives us trouble, it's what we know that ain't so. *Will Rogers*
187. Knowledge and timber shouldn't be much used til they are seasoned. *Oliver Wendell Holmes*
188. Knowledge has three degrees -- opinion, science, illumination. The instrument of the first is sense; of the second, dialectic; of the third, intuition. *Plotinus*
189. Knowledge is of two kinds. We know a subject ourselves, or we know where we can find information on it. *Samuel Johnson*
190. Knowledge is power. *Socrates*
191. The larger the island of knowledge, the longer the shoreline of wonder. *Ralph W. Sockman*

192. The obscure we see eventually. The completely obvious, it seems, takes longer. *Edward R. Murrow*
193. The obvious is that which is never seen until someone expresses it simply. *Khalil Gibran*
194. There is much pleasure to be gained from useless knowledge. *Bertrand Russell*
195. To be conscious that you are ignorant is a great step to knowledge. *Benjamin Disraeli*
196. We know for certain only when we know little. With knowledge, doubt increases. *Goethe*
197. When you know a thing, to hold that you know it; and when you do not know a thing, to allow that you do not know it - this is knowledge. *Confucius*

Learning

198. A little learning seems a dangerous thing but a lot of ignorance is the real culprit. *Bob Edwards*
199. A little learning isn't the danger; it's the lot of ignorance that complements it.
200. In times of change, learners inherit the Earth, while the learned find themselves beautifully equipped to deal with a world that no longer exists. *Eric Hoffer*
201. It is impossible for a man to learn what he thinks he already knows. *Epictetus*
202. Learn as if you were going to live forever. Live as if you were going to die tomorrow. *Anonymous*
203. Learning is not compulsory... neither is survival. *W. Edwards Deming*
204. Learning makes the wise wiser and the fool more foolish. *John Ray*
205. Learning without thought is labor lost; thought without learning is perilous. *Confucius*
206. Much learning does not teach understanding. *Heraclitus*
207. Only the curious will learn and only the resolute overcome the obstacles to learning. The quest quotient has always excited me more than the intelligence quotient. *Eugene S. Wilson*
208. That is what learning is. You suddenly understand something you've understood all your life, but in a new way. *Doris Lessing*
209. The wisest mind has something yet to learn. *George Santayana*
210. There is only one thing more painful than learning from experience and that is not learning from experience. *Archibald MacLeish*
211. To be proud of learning is the greatest ignorance. *Bishop Taylor*
- To be proud of ignorance is a strong contender.
212. Try to learn something about everything and everything about something. *T. H. Huxley*
213. Wear your learning like a pocket watch and keep it hidden. Do not pull it out to count the hours, but give the time when you are asked. *Lord Chesterfield*
214. What is important is to keep learning, to enjoy challenge, and to tolerate ambiguity. In the end there are no certain answers. *Martina Horner*
215. Whoso neglects learning in his youth, loses the past and is dead for the future. *Euripides*

216. Your ability to learn faster than your competition is your only sustainable competitive advantage. *Arie de Gues*

217. We are all apprentices in a craft where no one ever becomes a master. *Ernest Hemingway*

218. The only way to learn to write is to write. *Peggy Teeters*

Life

219. A doctor can always bury his mistakes, but an architect can only advise his client to plant vines. *Frank Lloyd Wright*

220. A genuine professional can not be bought. *Unknown*

221. A man with one watch knows what time it is; a man with two watches is never quite sure. *Lee Segal*

222. All animals, except man, know that the principal business of life is to enjoy it. *Samuel Butler*

223. Beware of enterprises that require new clothes. *Thoreau*

224. Dancing is a perpendicular expression of a horizontal desire. *George Bernard Shaw*

225. Death is part of this life and not of the next. *Elizabeth Bibesco*

226. Denial ain't just a river in Egypt. *Unknown*

227. Don't be afraid your life will end; be afraid that it will never begin. *Grace Hansen*

228. Eat right, exercise often, die anyway. *Unknown*

229. Financial ruin from medical bills is almost exclusively an American disease. *Unknown*

230. Give me six hours to chop down a tree and I will spend the first four sharpening the axe. *Abraham Lincoln*

231. God loved the birds and created trees. Man loved the birds and invented cages. *Jacques Deval*

232. Half our life is spent trying to find something to do with the time we have rushed through life trying to save. *Will Rogers*

233. *Homo sapiens* are, for the most part, automatons with over active and highly verbal public relations departments to apologize for and cover up our foibles. *James Gould*

234. I can therefore I am. *Simone Weil*

- Cognito, ergo sum. *Descartes*

235. I was not looking for my dreams to interpret my life, but rather for my life to interpret my dreams. *Susan Sontag*

236. If anything can go wrong, it will ... while Murphy is out of town. *Mrs. Murphy's Law*

237. If he manages it correctly, a man with a million dollars can live as though he were rich. *Dewitt Clinton, circa 1900.*

238. If people knew the story of their lives, how many would elect to live them? *Cormac McCarthy*

239. If the grass is greener on the other side of the fence, it has to be mowed oftener. *Unknown*

240. If the world is a stage, I seem to be in rehearsal. *Anonymous*

241. If you have accomplished all that you have planned for yourself, you have not planned enough. *Edward Everett Hale*

242. If you have enough to eat, you may have many problems; if your children are hungry, you have only one problem. *John Arnold*
243. If you want the rainbow, you gotta put up with the rain. *Dolly Parton*
244. Imagination was given to man to compensate him for what he isn't. A sense of humor was provided to console him for what he is. *Horace Walpole*
245. In a fight between you and the world, bet on the world. *Franz Kafka*
246. In depression, you care about nothing; in sadness, you care about everything. *Gloria Steinem*
247. In life, as in dance, grace glides on blistered feet. *Alice Abrams.*
248. In necessary things, unity; in doubtful things, liberty; in all things, charity. *Richard Baxter*
249. Lettin' the cat outta the bag is a whole lot easier 'n puttin' it back in. *Will Rogers*
250. Life is a sexually transmitted disease. *R. D. Laing*
251. Life is nothing but a competition to be the criminal rather than the victim. *Bertrand Russell*
252. Life is what happens to us while we are making other plans. *Unknown*
253. Life's a tough proposition, and the first hundred years are the hardest. *Unknown*
254. Living with a conscience is like driving with the parking brake on. *Unknown*
255. Many are invaluable; none are indispensable. *Unknown*
256. My brain and I are inseparable. I am who I am because my brain is what it is... Lately, I think about my brain in more intimate terms—as me. *Patricia Churchland*
257. Nature has placed mankind under the governance of two sovereign masters, *pain* and *pleasure*. *Jeremy Bentham*
258. No matter how far you have walked on a wrong road, turn back. *Unknown*
259. Now is the time for all good men to come to. *Walt Kelly*
260. One of the advantages of being disorderly is that one is constantly making exciting discoveries. *A. A. Milne*
261. Organized people are just too lazy to look for stuff. *Unknown*
262. Plenty of people are willing to function in the role of advisor. *Charles Schultz*
263. Survival requires the four Fs: Feeding, Fighting, Fleeing, and Reproduction. *Patricia Churchland*
264. The difference between a physician and an auto mechanic is that cars never make themselves well. *Unknown*
265. The final test of fame is to have a crazy person imagine he is you. *Unknown*
266. The grass may be greener on the other side of the fence, but it still has to be mowed. *Unknown*
267. The important thing is not to stop asking questions. Curiosity has its own reason for existing. *Albert Einstein*

268. The liar's punishment is not in the least that he is not believed, but that he cannot believe anyone else. *George Bernard Shaw*
269. The mass of men lead lives of quiet desperation. *Thoreau*
270. The mere sense of living is joy enough. *Emily Dickinson*
271. The only people with whom you should try to get even are those who have helped you. *John E. Southard*
272. The problem with living like this is the last day of your life is that 99.99% of the time it isn't.
273. There are two tragedies in life. One is to lose your heart's desire. The other is to gain it. *George Bernard Shaw*
274. There is always an easy solution to every human problem—neat, plausible and wrong. *H. L. Mencken*
275. There is no right way to do the wrong thing. *Unknown*
276. There is only one thing more mortifying than having an exclamation mark removed by an editor, and that is to have an exclamation mark added in. *Lynne Truss*
277. This life is not bad for a first draft. *Joan Konner*
278. Times are bad. Children no longer obey their parents, and everyone is writing a book. *Cicero*
279. To err is human; to forgive divine. Neither is Corp policy. *USMC.*
280. To expect the world to treat you fairly because you're a good person, is like expecting a bull not to charge you because you're a vegetarian. *Unknown*
281. To live is so startling it leaves little time for anything else. *Emily Dickinson*
282. To succeed, you need three things: a wishbone, a backbone, and a funnybone. *Unknown*
283. We can easily forgive a child who is afraid of the dark; the real tragedy of life is when men are afraid of the light. *Plato*
284. We don't see things as they are; we see them as we are. *Anais Nin*
285. We have met the enemy and he is us. *Pogo, Earth Day, 1971.*
- We have met the enemy, and they are ours. *Admiral Oliver Hazard Perry*
 - We shall meet the enemy, and not only may he be ours, he may be us. *Walt Kelly, Forward to The Pogo Papers, 1953.*
286. What really matters is what you want to do with what you have. *Shirley Lord*
287. What is robbing a bank compared to founding a bank? *Bertolt Brecht*
288. What sane person could live in this world and not be crazy? *Ursula K. LeGuin*
289. When a man says money can do anything, that settles it: he hasn't got any. *George Bernard Shaw*
290. When a man wants to murder a tiger he calls it sport; when a tiger wants to murder him, he calls it ferocity. *George Bernard Shaw*

291. When a stupid man is doing something he is ashamed of, he always declares that it is his duty. *George Bernard Shaw*
292. When a thing is funny, search it carefully for a hidden truth. *George Bernard Shaw*
293. When you have a box of chocolates, always eat the biggest piece. *Unknown*
294. Wise men talk because they have something to say; fools, because they have to say something. *Plato*
295. You are unique, just like everybody else. *Unknown*
296. You can discover more about a person in an hour of play than in a year of conversation. *Plato*
297. You don't warm a house by putting a candle under the thermostat. *Unknown*
- Or by throwing the thermostat away.
298. Your ears will never get you into trouble. *Frank Tyger*
299. You've got to do your own growing, no matter how tall your grandfather was. *Unknown*
300. We are here on earth to do good to others. What others are here for, I don't know. *W. H. Auden*
301. When you hear hooves, assume horses before zebras. *Unknown*
302. Writing is like prostitution: first you do it for love, then you do it for your friends, then you do it for money. *Moliere*

Luck

303. A discovery is said to be an accident meeting a prepared mind. *Albert von Szent-Gyorgyi*

304. I have never heard of anyone stumbling on something sitting down. *Charles Kettering*
305. I'm a great believer in luck, and I find the harder I work the more I have of it. *Thomas Jefferson*
306. Luck is the residue of design. *Branch Rickey*
307. No man was ever wise by chance. *Lucius Annaeus Seneca*
308. The probability of winning the lottery is slightly greater if you buy a ticket. *Unknown*
309. The wind and waves are always on the side of the ablest navigator.

Mathematics

310. A mathematician is a machine for turning coffee into theorems. *Paul Erdős*
311. As far as the laws of mathematics refer to reality, they are not certain; and as far as they are certain, they do not refer to reality. *Albert Einstein*
312. I have hardly ever known a mathematician who was capable of reasoning. *Plato*
313. I went off to college planning to major in math or philosophy-- of course, both those ideas are really the same idea. *Frank Wilczek*
314. In mathematics, one does not understand anything. You just get used to them. *Johann Von Neumann*
315. Mathematics is the queen of the sciences. *Carl Friedrich Gauss*
316. Mathematics may be defined as the subject in which we never know what we are talking about, nor whether what we are saying is true. *Bertrand Russell*

317. Mathematics, rightly viewed, possesses not only truth, but supreme beauty - a beauty cold and austere, like that of sculpture. *Bertrand Russell*
318. Proof is the idol before which the pure mathematician tortures himself. *Sir Arthur Eddington*
319. The mathematics is not there till we put it there. *Sir Arthur Eddington*
320. We used to think that because we knew 1, we knew 2, because 1 and 1 are 2. We are finding that we must learn a great deal more about *and*. *Sir Arthur Eddington*

Measurement

321. A question can only be valid if the students' minds are doing the things we want them to show us they can do. *Alastair Pollitt*
322. All we can be sure of is able students should pass easy items and unable students should miss hard items.
323. An accommodation is appropriate whenever it improves validity for that individual.
- If this gives an unfair advantage over another student, the problem is with the assessment of the other student.
324. An augmented NRT is like stone soup. Enough augmenting and you can forget the stones.
325. An item is defective if there is a smart way to get it wrong or a dumb way to get it right.
326. Don't weigh the pig oftener than it can get fat. *Unknown*
327. Examinations are formidable even to the best prepared, for the greatest fool may ask more than the wisest man can answer. *C. C. Colton*
328. Delivering a report based on raw scores is like serving a live chicken at dinner.
329. Face validity is not validity; it's marketing. *Catherine McClellan*
330. How tall you need to be to be a policeman has nothing to do with how we measure height. *Benjamin D. Wright*.
- But you had better have the measurement before you attempt the analysis.
331. If a thing exists, it exists in some quantity; if it exists in some quantity, it can be measured. *L. L. Thurstone*
332. If you set an item on fire, it will not retain its difficulty. *Benjamin D. Wright*.
333. If you want to measure change, don't change the measure. *Anon*.
334. In educational measurement, we don't yet know if we are measuring *heat* or *temperature*.
335. In his measurement work, Thurstone stole fire from the gods. In retribution, they chained him to factor analysis. *James Lumsden*
336. It's possible to model too much. A person with one parameter knows which way is up; a person with three parameters is never quite sure.
337. Measure what is measurable, and make measurable what is not so. *Galileo Galilei*
338. Not everything that's measured counts and not everything that counts can be measured. *Albert Einstein*

339. *IRT* is to *Rasch Measurement* as *GLM* is to *Research Design*; it's what you do when you didn't get the design right.
340. Rules for Scale Scores
- Never tell parents their kid has a negative ability. They will react negatively.
 - Never give decimals to a superintendent or school board. They will try to interpret them.
 - Never make Scale Scores look like percent correct, IQ or SAT scores. If a thing looks like some other thing, some one will assume it is that thing.
341. Rules for Test Prep: *Go to Class; do your homework.*
342. [T]he ability assigned to an individual is independent of that of other members of the group and of the particular items with which he is tested. *Jane Loevinger (1947)* suggested as criteria for *Absolute Scaling*.
343. The most reliable scanable forms are those completed by fifth and sixth graders. *NCS Internal Research Note.*
- Never give a scanable form to a superintendent, physician, or Florida voter.
344. The trouble with Rasch measurement is that its solutions are too simple to get published.
345. There is no such thing as measurement absolute; there is only measurement relative. *Jeanette Winter-son.*
346. There is only one *measurement* model; the others are just *item response* models.
347. To include *discrimination* in the model is like putting the bath water to bed with the baby.
348. To include *guessing* in the model is like widening the highway to accommodate drunk driving.
349. Too often we measure everything and understand nothing. *Jack Welch.*
350. Valid means the test is *appropriate*; reliable means the scores are *consistent*.
351. We can measure differences along the latent trait as though it were distances along a river but whoever is piloting had better watch for meanders and sand bars.
352. We may be trying to measure *size*; perhaps *height* and *weight* would be better.
353. Whatever exists at all exists in some amount. To know it thoroughly involves knowing its quantity as well as its quality. *E. L. Thorndike*
354. When you can measure what you are speaking about and express it in numbers, you know something about it; but when you cannot measure it, when you cannot express it in numbers, your knowledge is of a meager and unsatisfactory kind. *Lord Kelvin*
355. Within the range of objects for which the measuring instrument is intended, its function must be independent of the object of measurement. *L. L. Thurstone*
356. You can sweep a lot of measurement dirt under the rug of the average.
- Men and Women**
357. A highbrow is a man who has found something more interesting than women. *Edgar Wallace*

358. A man gives many question marks; however, a woman is a whole mystery. *Diana Stürm*
359. A man's face is his autobiography. A woman's face is her work of fiction. *Oscar Wilde*
360. A pessimist is a man who thinks all women are bad. An optimist is a man who hopes they are. *Chauncey Mitchell Depew*
361. American women expect to find in their husbands a perfection that English women only hope to find in their butlers. *W. Somerset Maugham*
362. Failures in communication are of two types: either he's not listening or he's not explaining.
363. Can you imagine a world without men? No crime and lots of happy fat women. *Nicole Hollander*
364. Every time we liberate a woman, we liberate a man. *Margaret Mead*
365. I would rather trust a woman's instinct than a man's reason. *Stanley Baldwin*
366. It is only rarely that one can see in a little boy the promise of a man, but one can almost always see in a little girl the threat of a woman. *Alexandre Dumas,*
367. Let us leave the beautiful women to men with no imagination. *Marcel Proust,*
368. Men at most differ as Heaven and Earth, but women, worst and best, as Heaven and Hell. *Alfred Lord Tennyson*
369. Men enjoy being thought of as hunters, but are generally too lazy to hunt. Women, on the other hand, love to hunt, but would rather nobody knew it. *Mignon McLaughlin*
370. Men really prefer reasonably attractive women; they go after the sensational ones to impress other men. *Mignon McLaughlin,*
371. Men who don't like girls with brains don't like girls. *Mignon McLaughlin,*
372. Men who want only one thing from women lack imagination.
373. Mothers are a biological necessity; fathers are a social invention. *Margaret Mead*
374. No matter how much you think you know about a cow's reproductive system, never compare your wife to one. *Ruth Kellogg Mead.*
375. People change and forget to tell each other. *Lillian Hellman*
376. Perhaps the greatest black mark against mankind has been the subjugation of women.
377. Sooner or later, the father of daughters will say to his wife, "Remember when we were dating and I told you men are not all alike. I lied." *Unknown*
378. The average woman would rather have beauty than brains, because the average man can see better than he can think. *Unknown*
379. Whatever women do they must do twice as well as men to be thought half as good. Luckily, this is not difficult. *Charlotte Whitton*
380. When a man talks dirty to a woman, it's sexual harassment. When a woman talks dirty to a man, it's \$3.95 a minute. *Unknown*
381. When men reach their sixties and retire, they go to pieces. Women go right on cooking. *Gail Sheehy*

382. Woman begins by resisting a man's advances and ends by blocking his retreat. *Oscar Wilde*
383. Woman's virtue is man's greatest invention. *Cornelia Otis Skinner*, attributed
384. Women always worry about the things that men forget; men always worry about the things women remember. *Unknown*
385. Women go to beauty parlors for the unmussed look men hate. *Mignon McLaughlin*
386. Women like silent men. They think they're listening. *Marcel Achard*
387. Women want mediocre men, and men are working hard to become as mediocre as possible. *Margaret Mead*
388. Women who seek to be equal with men lack ambition. *Timothy Leary*
389. Women will never be as successful as men because they have no wives to advise them. *Unknown*

Models

390. A model without parameters is de-testable. *Georg Rasch*.
391. All models are wrong. Some are useful. *G.E.P.Box*
392. The hallmark of good science is that it uses models but never believes them. *Martin Bradbury Wilk*
393. Models are used at three levels: models that fit the data, models that predict the future, and models that reveal unexpected features. *E. D. Ford*
394. Models must be used but must never be believed. *Martin Bradbury Wilk*

Obstacles

395. Have no fear of perfection - you'll never reach it. *Salvador Dali*
396. If opportunity doesn't knock, build a door. *Milton Berle*
397. Obstacles are those frightful things you see when you take your eyes off your goal. *Henry Ford*
398. People become attached to their burdens sometimes more than the burdens are attached to them. *George Bernard Shaw*

Patriotism

399. A terrorist is a patriot with a bomb but no airplane. *John LeCarre*
400. Many a man will have the courage to die gallantly, but will not have the courage to say, or even to think, that the cause for which he is asked to die is an unworthy one. *Bertrand Russell*
401. Patriots always talk of dying for their country but never of killing for their country. *Bertrand Russell*
- or living for their country?
402. Patriotism is the willingness to kill and be killed for trivial reasons. *Bertrand Russell*
403. Patriotism is your conviction that this country is superior to all others because you were born in it. *George Bernard Shaw*
404. You'll never have a quiet world till you knock the patriotism out of the human race. *George Bernard Shaw*

Politics

405. Allow the president to invade a neighboring nation, whenever he shall deem it necessary to repel an invasion, and you allow him to do so whenever he may choose to say he deems it necessary for such a purpose - and you allow him to make war at pleasure. *Abraham Lincoln*
406. Am I not destroying my enemies when I make friends of them? *Abraham Lincoln*
407. America is a large, friendly dog in a very small room. Every time it wags its tail, it knocks over a chair. *Arnold J. Toynbee*
408. An election is a moral horror, as bad as a battle except for the blood; a mud bath for every soul concerned in it. *George Bernard Shaw*
409. At 25, you should be conservative enough to believe that, with your talent and hard work, you will succeed; at 55, liberal enough to know success needs a lot of help and a lot of luck.
410. Democracy is a device that ensures we shall be governed no better than we deserve. *George Bernard Shaw*
411. Democracy is the recurrent suspicion that more than half of the people are right more than half of the time. *E. B. White*
412. Divorced from ethics, leadership is just management and politics is just technique. *Unknown*
413. Every society honors its live conformists and its dead troublemakers. *Mignon McLaughlin*
414. For every action, there is an equal and opposite criticism. *Unknown*
415. George W. Bush makes me regret I ever told Dan Quayle jokes.
416. Government cannot afford to be wrong, so cannot risk innovation.
417. I am a Christian. That obliges me to be a Communist. *George Bernard Shaw*
418. I hope our wisdom will grow with our power, and teach us, that the less we use our power the greater it will be. *Thomas Jefferson*
419. I would not lead you to the Promised Land if I could, because if I could lead you there, others could lead you back again. *Eugene V. Debs*
420. I'd rather be right than President. *Member of Congress, quoting Webster.* (The honorable gentleman need not worry. He will never be either. *Speaker Reed, responding.*)
421. I'm going to have to ride the fence awhile until I find where the gates are. *Eva Bowring*
422. If you want truly to understand something, try to change it. - *Kurt Lewin*
423. If you're not Liberal when you're 25, you have no heart. If you're not Conservative when you're 35, you have no brain. *Attributed to Winston Churchill, who was a member of the Conservative Party at age 25.*
424. Individual rights and individual responsibility are two sides of the same coin.
425. It is dangerous to be right in matters on which the established authorities are wrong. *Voltaire.*

426. It is not worth an intelligent man's time to be in the majority. By definition, there are already enough people to do that. *G. H. Hardy*
427. It's pretty clear that the struggle is to share the planet, rather than divide it. *Alice Walker*
428. Liberalism is trust of the people, tempered by prudence; conservatism, distrust of people, tempered by fear. *William Gladstone*
429. My definition of a free society is a society where it is safe to be unpopular. *Adlai Stevenson*
430. Nearly all men can stand adversity, but if you want to test a man's character, give him power. *Abraham Lincoln*
431. Now if there is one thing that we do worse than any other nation, it is try and manage somebody else's affairs. *Will Rogers*
432. Our great democracies still tend to think that a stupid man is more likely to be honest than a clever man. *Bertrand Russell*
433. Ours is a world of nuclear giants and ethical infants. *Omar Bradley*
434. Peace is not only better than war, but infinitely more arduous. *George Bernard Shaw*
435. Political necessities sometime turn out to be political mistakes. *George Bernard Shaw*
436. Someday they'll give a war and nobody will come. *Carl Sandburg*; perhaps *Thorton Wilder*
- Suppose they gave a war and nobody came. *James Newman's adaptation of Carl Sandburg, publicized by Charlotte Keyes (a song lyric by The Monkees and a movie title)*
437. That so few now dare to be eccentric, marks the chief danger of the time. *John Stuart Mill*
438. The best government is that which governs least. *John L. O'Sullivan*
439. The business of Progressives is to go on making mistakes. The business of Conservatives is to prevent mistakes from being corrected. *G.K. Chesterton*
440. The liberty of the individual must be thus far limited; he must not make himself a nuisance to other people. *John Stuart Mill*
441. The minority is sometimes right; the majority always wrong. *George Bernard Shaw*
442. The only sure way to ensure my rights is to ensure everyone's rights.
443. The politics of the university are so intense because the stakes are so low. *Wallace Sayre*
444. The price good men pay for indifference to public affairs is to be ruled by evil men. *Plato*
445. The right to be heard does not automatically include the right to be taken seriously. *Hubert Humphrey*
446. The test of courage comes when we are in the minority. The test of tolerance comes when we are in the majority. *Ralph W. Sockman*
447. The time when you need to do something is when no one else is willing to do it. *Mary Frances Berry*
448. The true art of government consists in not governing too much. *Jonathan Shipley*
449. The tyranny of a prince in an oligarchy is not so dangerous to the public welfare as the apathy of a citizen in a democracy. *Charles de Montesquieu*

450. There's nothing in the middle of the road but yellow stripes and dead armadillo. *J. Hightower*
451. Thinking that what is good for one kind of organization is good for another is like thinking what is good for dogs is also good for cats. *Robert Birnbaum*
452. Those who would give up Essential Liberty to purchase a little Temporary Security deserve neither Liberty nor Security. *Benjamin Franklin*
453. To err is human. To blame someone else is politics. *Hubert Humphrey*
454. Truth uttered before its time is always dangerous. *Mencius*
455. War does not determine who is right - only who is left. *Bertrand Russell*
456. When all the world is overcharged with inhabitants, then the last remedy is war. *Thomas Hobbes*
457. Whenever you find that you are on the side of the majority, it is time to reform. *Mark Twain*
458. Whereas it has been known and declared that the poor have no right to the property of the rich, I wish it also to be known and declared that the rich have no right to the property of the poor. *Unknown*
- Progress**
459. A clash of doctrines is not a disaster--it is an opportunity. *Alfred North Whitehead*
460. All change is not growth, as all movement is not forward. *Ellen Glasgow*
461. Anyone who has never made a mistake has never tried anything new. *Albert Einstein*
462. But for the silly chaps, we would still be living in the Stone Age. *Sir Christopher Cockerell.*
463. Civilization advances by extending the number of important operations which we can perform without thinking about them. *Alfred North Whitehead*
464. Don't tell me no; tell me how. *S. Doré Mead*
465. If everything seems under control, you're not going fast enough. *Mario Andretti*
466. If I would have asked my customers what they wanted, they would have said a faster horse. *Henry Ford (attributed)*
467. If we continue to do things the way they have always been done, the most we can expect is what we already have. *Dennis Bay*
468. If we don't change direction soon, we'll end up where we're going. *Professor Irwin Corey*
469. It is better to be seminal than definitive.
470. It is better to effect the future than predict it. *Donald Rumsfeld*
471. Never doubt that a small group of thoughtful, committed citizens can change the world. Indeed, it is the only thing that ever has. *Margaret Mead*
472. No pessimist ever discovered the secrets of the stars, or sailed to an uncharted land. *Helen Keller*
473. Not everything that is faced can be changed. But nothing can be changed until it is faced. *James Baldwin*
474. People who say it cannot be done should not interrupt those who are doing it. *George Bernard Shaw.*

475. Progress might have been all right once, but it has gone on too long. *Ogden Nash*
476. Quality is not an act, it is a habit. *Aristotle*
477. Restlessness and discontent are the first necessities of progress. *Unknown*
478. Some look at things that are, and ask why. I dream of things that never were and ask why not? *George Bernard Shaw*
479. Teach your tongue to say 'I do not know,' and you shall progress. *Moses Maimonides*
480. The art of progress is to preserve order amid change. *Alfred North Whitehead*
481. The most dangerous strategy is to jump a chasm in two leaps. *Benjamin Disraeli*
482. The reasonable man strives to adapt himself to the world. The unreasonable man persists in trying to adapt the world to himself. Therefore all progress depends on the unreasonable man. *George Bernard Shaw*.
483. The risk of a wrong decision is preferable to the terror of indecision. *Moses Maimonides*
484. The Stone Age did not end because we ran out of stones. *Thomas Freidman*
485. Volunteering ... doesn't beat the odds; it changes the odds. *Bill Clinton*.
486. We are continually faced with a series of great opportunities brilliantly disguised as insoluble problems. *John W. Gardner*
487. We're still not where we're going but we're still not where we were. *Natasha Josefowitz*

488. We shall have no better conditions in the future if we are satisfied with all those which we have at present. *Thomas Edison*
489. When nothing is sure, everything is possible. *Margaret Drabble*
490. Widening highways to combat congestion is like loosening your belt to fight obesity. *S. Doré Mead*.
491. You can't cross a chasm in two small jumps. *David Lloyd George*

Religion

492. All small towns in Iowa have two churches: one Catholic and one anti-Catholic.
493. As long as there are tests, there will be prayer in schools.
494. Bad science does not make good theology.
495. [B]elieving that religion is a botched attempt to explain the world . . . is like seeing ballet as a botched attempt to run for a bus. *Terry Eagleton*
- Believing that science is a botched attempt to know the meaning of life . . . is like seeing football as a botched attempt at ballet.
496. Call on God, but row away from the rocks. *Indian proverb*
497. Christianity was never meant to be an explanation of anything in the first place. It's rather like saying that thanks to the electric toaster we can forget about Chekhov. *Terry Eagleton*
- Or thanks to Genesis, we can forget about Aristotle.

498. Go to heaven for the climate; hell for the company.
Mark Twain
499. Going to church does not make you a Christian any more than sitting in the garage makes you a car.
500. I do not feel obligated to believe that the same God who has endowed us with sense, reason, and intellect has intended us to forgo their use. *Galileo Galilei*
501. I'm an atheist and I thank God for it. *George Bernard Shaw*
- Thank God I'm an atheist. *Anonymous or paraphrase of G.B. Shaw*
502. It is surely harmful to souls to make it a heresy to believe what is proved. *Galileo Galilei*
503. No man ever believes that the Bible means what it says: He is always convinced that it says what he means. *George Bernard Shaw*
504. Question with boldness even the existence of a God; because, if there be one, he must more approve of the homage of reason, than that of blind-folded fear.
Thomas Jefferson
505. Religion and science both profess peace (and the sincerity of the professors is not being doubted), but each always turns out to have a dominant part in any war that is going or contemplated. *Howard Nemerov*
506. Science is the belief we can discover truth; religion is the belief it has been handed to us.
507. Scientists were rated as great heretics by the church, but they were truly religious men because of their faith in the orderliness of the universe. *Albert Einstein*

508. The fact that a believer is happier than a skeptic is no more to the point than the fact that a drunken man is happier than a sober one. *George Bernard Shaw*
509. Theology is the art of making religious virtues out of scientific necessities. *Jerry A. Coyne*
510. To you, I'm an atheist; to God, I'm the Loyal Opposition. *Woody Allen*
511. Traditions are solutions to problems we don't remember. *Unknown*
512. We've adopted Christianity merely as an improved form of agriculture. *Thoreau*

Science

513. A new scientific truth does not triumph by convincing its opponents and making them see the light, but rather because its opponents eventually die. *Max Planck*
514. A theory which cannot be mortally endangered cannot be alive. *W. A. H. Rushton*
515. Art and science are two sides of the same coin. Science is a discipline pursued with passion; art is a passion pursued with discipline. *Dr. Arthur M. Sackler*
516. As an adolescent I aspired to lasting fame, I craved factual certainty, and I thirsted for a meaningful vision of human life - so I became a scientist. This is like becoming an arch-bishop so you can meet girls. *M. Cartmill*
517. As they say, the speed of light is not just the speed limit. It's the law. *Neil deGrasse Tyson,*

518. Clear thinking is essential; mathematical gymnastics are for the *Psychometrika* crowd. *Benjamin Drake Wright*
519. Contemplation of raw observations with an empty mind, even when it is possible, is often hardly more beneficial than not studying them at all. *Martin Bradbury Wilk.*
520. Creationists make it sound as though a "theory" is something you dreamt up after being drunk all night. *Isaac Asimov*
521. Discovery consists of seeing what everybody has seen and thinking what nobody has thought. *Albert von Szent-Gyorgyi*
522. Don't believe the results of experiments until they're confirmed by theory. *Sir Arthur Eddington*
523. Doubt is the father of invention. *Galileo Galilei*
524. Equating denial of global warming to skepticism about genetically modified foods is like saying watching television while your house burns around you is the same as teaching your kids not to play in the street.
525. Everything of importance has been said before by somebody who did not discover it. *Alfred North Whitehead*
526. Everything should be made simple as possible and not one bit simpler. *Albert Einstein*
527. ...*fact* can only mean 'confirmed to such a degree that it would be perverse to withhold provisional assent'. *Stephen Jay Gould*
528. I do not know what I may appear to the world, but to myself I seem to have been only a boy playing on the sea-shore, and diverting myself in now and then finding a smoother pebble or a prettier shell than ordinary, whilst the great ocean of truth lay all undiscovered before me. *Isaac Newton*
529. I feel I have a causal explanation of my call. But from the viewpoint of the telephone exchange, this causality is of no import. My call is just one among thousands, wanting to be connected. *Georg Rasch.*
530. I suppose that apples might start to rise tomorrow, but the possibility does not merit equal time in physics classrooms. *Stephen Jay Gould*
531. If we knew what we were doing, it wouldn't be called research, would it? *Albert Einstein*
532. In my opinion, nothing occurs contrary to nature except the impossible, and that never occurs. *Galileo Galilei*
533. In science one tries to tell people, in such a way as to be understood by everyone, something that no one ever knew before. But in poetry, it's the exact opposite. *Paul Dirac*
534. In the best-designed experiments, the rats will do as they damn well please. *Murphy's Law of Experimental Psychology.*
535. In the fields of observation, chance favors only the prepared mind. *Pasteur.*
536. In theory, there is no difference between theory and practice. In practice, there is. *Yogi Berra*
537. Insightfulness is generally more important than objectivity. *Martin Bradbury Wilk*
538. It is better to have an approximate answer to the right question than a precise answer to the wrong question. *John Tukey*

539. It is the tension between creativity and skepticism that has produced the stunning and unexpected findings of science. *Carl Sagan*
540. It is through science that we prove, but through intuition that we discover. *Jules Poincare*
541. It requires a very unusual mind to undertake the analysis of the obvious. *Alfred North Whitehead*
542. It's easier to ignore data that you have than analyze data that you don't. *Daniel D. Blaine*
543. Just as houses are made of stones, so is science made of facts; but a pile of stones is not a house and a collection of facts is not necessarily science. *Henri Poincare*
544. Most new phenomena turn out to be errors. *Martin Bradbury Wilk.*
545. Perfect as the wing of a bird may be, it will never enable the bird to fly if unsupported by the air. Facts are the air of science. *Ivan Pavlov*
546. Rejecting theory as useless in order to work only on everyday things is like proposing to cut the roots of a tree as they do not carry fruit. *Condorcet*
547. Science is a wonderful thing if one does not have to earn one's living at it. *Albert Einstein*
548. Science has proof without any certainty. Creationists have certainty without any proof. *Ashley Montague*
549. Science is organized knowledge. Wisdom is organized life. *Immanuel Kant*
550. Science, and the methods of science, can be taught; art, including the art of science, is innate but must be cultivated. *Unknown*
551. Seek simplicity, and distrust it. *Alfred North Whitehead*
552. Simple is better, unless it doesn't work. *John Thorn*
553. Simplicity is not that easy.
554. The absence of evidence is not evidence of absence. *Carl Sagan*
555. The beginning of knowledge is the discovery of something we do not understand. *Frank Herbert*
556. The experiment is simply a demonstration for those too slow to follow the argument. *Aristotle(?) Galileo(?)*
- This often includes the researcher.
557. The great tragedy of Science — the slaying of a beautiful hypothesis by an ugly fact. *Thomas H. Huxley*
558. The historical approach to understanding of scientific fact is what differentiates the scholar in science from the mere experimenter. *E. G. Boring*
559. The most exciting phrase to hear in science, the one that heralds new discoveries, is not 'Eureka!' but 'That's funny.'" *Isaac Asimov*
560. The outcome of any serious research can only be to make two questions grow where only one grew before. *Thorstein Veblen*
561. The plural of anecdote is not data. *Roger Brinner*
562. The questions of science: What experiment could disprove your hypothesis? What hypothesis does your experiment disprove? *J. Platt*

563. There are in fact two things, science and opinion; the former begets knowledge, the latter ignorance. *Hippocrates*

564. There are no such things as applied sciences, only applications of science. *Louis Pasteur*

565. There's nothing more practical than a good theory. *Kurt Lewin*

566. To treat your facts with imagination is one thing, to imagine your facts is another. *John Burroughs*

567. Truth emerges more readily from error than from confusion. *Bacon.*

568. When a distinguished but elderly scientist states that something is possible, he is almost certainly right. When he states that something is impossible, he is very probably wrong. *Arthur C. Clarke*

569. When constructing a causal hypothesis, one should envisage as many different consequences of its truth as possible, and plan observational studies to discover whether each of these consequences is found to hold. *W. G. Cochran*

570. When we tug on a single thing in nature, we find it attached to everything else. *John Muir*

571. When you work at the cutting edge, you are likely to bleed. *Unknown*

Statistics

572. Attacking factor analysis is like criticizing a pile of cow dropping for the shape it is in. *Martin Bradbury Wilk*

573. Being a statistician means never having to say you're certain. *Unknown*

574. Correlation coefficients are population dependent and therefore scientifically rather uninteresting. *Georg Rasch*

575. Don't make assumptions about unmeasurable random variables. *Martin Bradbury Wilk*

576. [Factor analysis]...somewhere between meaningless and misleading. *Martin Bradbury Wilk*

577. ... factor analysts—who only elaborate these miserable [correlation] coefficients, whereafter psychologists and other nice people, not able to understand the mathematic hanky panky, consider the resulting factors to be created in heaven. *Georg Rasch*

578. Finding an empirical formula that fits the data but is not based on any underlying theory does little to advance our understanding. *R. H. March*

579. If you need statistics to understand the results of your experiment, you should have designed a better experiment. *Ernst Rutherford*

580. If your data has something to say, your statistics won't stop it. *G.E.P. Box*

581. In data analysis, as in experimentation, discovery is more important than confirmation. *Martin Bradbury Wilk*

582. In technology, as in basic science, to explain a fact is to exhibit the mechanism that makes the system tick. *M. Bunge*

- In statistics, to *explain the data* just means to minimize the residual error.

583. No single fit statistic is either necessary or sufficient. *David Andrich.*

584. One person's error is another person's data. *Unknown*
585. Randomization is what you do after you've used everything you do know.
586. Significance tests are things to do while one is trying to think of something sensible to do. *Martin Bradbury Wilk*
587. What is left over when a sufficient estimate has been extracted from the data is independent of the trait in question and may therefore be used for a control of the model that does not depend on how the actual estimates happen to reproduce the original data. *Georg Rasch*
588. When in doubt, predict the trend will continue. *Unknown*
589. You won't get famous by inventing the perfect fit statistic. *Benjamin Wright*
- I preferred to believe Wright's comment reflected his view of significance testing, not his assessment of my prospects, although in that sense, it was prophetic.

Stupidity

590. A fellow who is always declaring he's no fool usually has his suspicions. *Wilson Mizner*
591. Against stupidity, the gods themselves contend in vain. *Schiller*
592. Everyone is entitled to be stupid but some abuse the privilege. *Unknown*
593. Genius may have its limitations, but stupidity is not thus handicapped. *Elbert Hubbard*

594. Ignorance is no excuse but it explains a lot. *Unknown*
595. If Stupidity got us into this mess, then why can't it get us out? *Will Rogers*
596. Misunderstanding and neglect create more confusion in this world than trickery and malice. *Goethe*
- Never attribute to malice what can be explained by stupidity. Robert Hanlon (variation of quotes attributed to *Goethe, Napoleon, William James, and Robert Heinlein*)
597. Only two things are infinite, the universe and human stupidity, and I'm not sure about the universe. *Attributed to Albert Einstein.*
598. The difference between stupidity and genius is that genius has its limits. *Unknown*
599. The fool doth think he is wise, but the wise man knows himself to be a fool. *William Shakespeare*
600. The trouble with the world is that the stupid are cocksure, and the intelligent are full of doubt. *Bertrand Russell*
601. The wise are pleased when they discover truth; fools when they discover falsehood. *Solomon ibn Gabirol*

Success

602. Always bear in mind that your own resolution to succeed is more important than any other. *Abraham Lincoln*
603. Even if you're on the right track, you'll get run over if you just sit there. *Will Rogers*
604. I couldn't wait for success so I went ahead without it. *Johnathan Winters*

605. Immature poets imitate; mature poets steal. *T. S. Eliot*
606. My great concern is not whether you have failed, but whether you are content with your failure. *Abraham Lincoln*
607. Never test the depth of the water with both feet. *Unknown*
608. No sense being pessimistic. It probably wouldn't work anyway. *Unknown*
609. People seldom become famous for what they say until after they are famous for what they've done. *Cullen Hightower*
610. Pick battles big enough to matter, small enough to win. *Jonathan Kozol*
611. Rise early, work hard, strike oil. *J. Paul Getty*
612. That is the saving grace of humor; if you fail, no one is laughing at you. *A. Whitney Brown*
613. When a man tells you that he got rich through hard work, ask him: 'Whose?' *Don Marquis*
614. When I talked, no one listened to me. But as soon as I acted I became persuasive. *Borsi Giosué*
615. Whenever you are asked if you can do a job, tell 'em, 'Certainly I can!' Then get busy and find out how to do it. *Theodore Roosevelt*
616. The best way to write for Prof. X is to plagiarize Prof. X. *Anonymous graduate student*
617. The person who knows *how* will be employed; the person who knows *why* will be the boss. *Unknown*
618. You don't get anything clean without getting something else dirty. *Cecil Baxter*

619. Those who matter don't mind and those who mind don't matter. *Bernard Baruch*

Teaching

620. Creative minds have always been known to survive any kind of bad training. *Anna Freud*
621. Having been a student taught me little about being a teacher but having tried to teach taught me much about being a student.
622. I am always ready to learn but resent being taught. *Unknown*
623. Teaching is the greatest act of optimism. *Colleen Wilcox*
624. The man who can make hard things easy is the educator. *Ralph Waldo Emerson*
625. The one exclusive sign of thorough knowledge is the power of teaching. *Aristotle*
626. The whole art of teaching is only the awakening the natural curiosity of young minds for the purpose of satisfying it afterwards *Anatole France*
627. Those that know, do. Those that understand, teach. *Aristotle*
- Those that can, do; those that can't, teach. *George Bernard Shaw*

Truth

628. A good story holds more truth than the author put in.
629. All good stories are true, but the truth may be hidden inside the fiction.
630. All great truths begin as blasphemies. *George Bernard Shaw*

631. All truths are easy to understand once they are discovered. *Galileo Galilei*
632. Believe those who are seeking the truth; doubt those who find it. *Andre Gide*
633. Fiction is a lie, and good fiction is the truth inside the lie. *Stephen King*
- The same might be said of acting.
634. Fiction reveals truths that reality obscures. *Jessamyn West*
635. If the experts all agree, it does not necessarily follow that the converse is true. *Bertrand Russell.*
636. If you would be a real seeker after truth, it is necessary that at least once in your life you doubt, as far as possible, all things. *Rene Descartes*
637. In all intellectual debates, both sides tend to be correct in what they affirm, and wrong in what they deny. *John Stuart Mill*
638. Just because an idea appeals to a lot of people doesn't mean it's wrong, ... but that's a good working theory. *John Tierney*
639. Man will occasionally stumble on the truth, but most of the time he will pick himself up and continue on. *Winston Churchill*
640. When a thing is new, people say: "It is not true". Later, when its truth becomes obvious, they say: "It's not important." Finally, when its importance cannot be denied, they say "It's not new." *William James*
641. Don't worry about people stealing your ideas. If your ideas are any good, you'll have to ram them down people's throats! *Howard Aiken*

642. Popular opinions, on subjects not palpable to sense, are often true, but seldom or never the whole truth. *John Stuart Mill*
643. The pure and simple truth is rarely pure and never simple. *Oscar Wilde*
644. There are no whole truths; all truths are half-truths. It is trying to treat them as whole truths that plays the devil. *Alfred North Whitehead*

Virtue

645. Ignorance, the root and the stem of every evil. *Plato*
646. Of all sexual aberrations, chastity is the strangest. *Anatole France*
647. No one gossips about other people's secret virtues. *Bertrand Russell*
648. The meaning of good and bad, of better and worse, is simply helping or hurting. *Ralph Waldo Emerson*
649. There is only one good, knowledge, and one evil, ignorance. *Socrates (469 BC - 399 BC)*
650. Trust not persons who lie for you for they may lie to you. *Anonymous*
651. Don't compromise yourself; you are all you've got. *Janis Joplin*

Weather

652. Scotland is said to have the world's worst weather and the world's best climate; Minnesota is the opposite.

653. The glass is falling hour by hour, the glass will fall for ever, But if you break the bloody glass, you won't hold up the weather. *Louis MacNiece*

Wisdom

654. Knowledge is recognizing a one-way street; wisdom is looking both ways. *Unknown.*

655. Knowledge is a process of piling up facts; wisdom lies in their simplification. *Martin Fischer*

- Sometimes we call that *Statistics*.

656. Never mistake knowledge for wisdom. One helps you make a living; the other helps you make a life. *Sandra Carey*

657. Nothing is so good for an ignorant man as silence; and if he was sensible of this he would not be ignorant. *Saadi (1184 - 1291)*

658. There is no shame in keeping silent if you have nothing to say. *Anonymous*

659. When you have nothing to say, don't use a microphone.

660. Where is the wisdom we have lost in knowledge? Where is the knowledge we have lost in information? *T.S. Eliot*

661. Wisdom is divided into two parts: having a great deal to say and not saying it. *Anon*

Women

662. A male gynecologist is like an auto mechanic who has never owned a car. *Carrie Snow*

663. A woman's hopes are woven of sunbeams; a shadow annihilates them. *George Eliot*

664. Ah, women. They make the highs higher and the lows more frequent. *Friedrich Wilhelm Nietzsche*

665. All women are basically in competition with each other for a handful of eligible men. *Mignon McLaughlin*

666. Curve: The loveliest distance between two points. *Mae West*

667. Every girl should use what Mother Nature gave her before Father Time takes it away. *Laurence J. Peter*

668. I expect Woman will be the last thing civilized by Man. *George Meredith*

669. I feel there is something unexplored about woman that only a woman can explore... *Georgia O'Keefe*

670. I hate women because they always know where things are. *Voltaire*

671. I have an idea that the phrase "weaker sex" was coined by some woman to disarm some man she was preparing to overwhelm. *Ogden Nash*

672. I have no patience with women who ask permission to think. *Rosa Bonheur*

673. I prefer the word homemaker, because housewife always implies that there may be a wife someplace else. *Bella Abzug*

674. If a woman has to choose between catching a fly ball and saving an infant's life, she will choose to save the infant's life without even considering if there are men on base. *Dave Barry*

675. If President Nixon's secretary, Rosemary Woods, had been Moses' secretary, there would only be eight commandments. *Art Buchwald*

676. Lovely female shapes are terrible complicators of the difficulties and dangers of this earthly life, especially for their owners. *George du Maurier*
677. Many successful women often say, almost proudly, *I'm not good with numbers*, but they never brag, *I can't read well*.
678. No matter how happily a woman may be married, it always pleases her to discover that there is a nice man who wishes that she were not. *H.L. Mencken*
679. No woman wants to see herself too clearly. *Mignon McLaughlin*
680. Some leaders are born women. *Geraldine Ferraro*
681. The people I'm furious with are the women's liberationists. They keep getting up on soapboxes and proclaiming women are brighter than men. That's true, but it should be kept quiet or it ruins the whole racket. *Anita Loos*
682. The rarest thing in the world is a woman who is pleased with photographs of herself. *Elizabeth Metcalf*
683. The torment that so many young women know, bound hand and foot by love and motherhood, without having forgotten their former dreams. *Simone de Beauvoir*
684. There is a special place in hell for women who do not help other women. *Madeleine K. Albright*
685. They call it PMS because Mad Cow Disease was already taken. *Unknown*
686. Women are in league with each other, a secret conspiracy of hearts and pheromones. *Camille Paglia*
687. Women are like elephants to me. I like to look at them, but I wouldn't want to own one. *W.C. Fields*
688. Women are repeatedly accused of taking things personally; I can't see any other honest way of taking them. *Marya Mannes*
689. Women cannot complain about men anymore until they start getting better taste in them. *Bill Maher*
690. Women deserve to have more than twelve years between the ages of twenty-eight and forty. *James Thurber*
691. Women dress alike all over the world: they dress to be annoying to other women. *Elsa Schiaparelli*
692. Women keep a special corner of their hearts for sins they have never committed. *Cornelia Otis Skinner*
693. You have to have the kind of body that doesn't need a girdle in order to get to pose in one. *Carolyn Kenmore*
694. You may try but you can never imagine what it is to have a man's form of genius in you, and to suffer the slavery of being a girl. *George Eliot*