Brainstorming for Science and Technology – Over 252 things to think about, to discuss and to act upon

The ideas just keep flooding in – and here they are – 252 of them - in alphabetical order. Any one of the subjects is a suitable subject for discussion – and some are definitely suitable for ACTION – either on a personal basis or as a group. What about a Packaging strike at one of our supermarkets for example? OK – we have already attacked some of the subjects, but we can always revisit them. Never say that you can't think of a subject to address as a group!

Why not see if you can add a few yourself?? We are never going to be short of ideas

1. A power station on your roof. How home energy might save the World!
2. Agricultural efficiency
3. Alien species
4. All you ever needed to know about the Internet and associated jargon. URLs and successful browsing.
5. Amphibians – species loss
6. Antibiotics
7. Area heating schemes
8. Asbestos
9. Asteroid strikes
10. Atomic particles
11. Automotive developments. The future car – or personal transportation system
12. Avoiding long haul flights
13. Backup power generation
14. Bacteria and viruses. Look out for bird flu!
15. Bags for life
16. Bamboo instead of acrylic
17. Battery storage
18. Beavers. Hardly a dam nuisance.
19. Beef without cows....
20. Bees. Impact of pesticides on pollinating insects
21. Big Bang
22. Biodegradable plastics
23. Biodiversity
24. Biological food waste digester
25. Birds and their navigation techniques
26. Bubble wrap
27. Cancer. Who is at risk? From what? When?
28. Carbon capture and storage
29. Carbon consumption vs carbon production
30. Carbon dioxide - a potent greenhouse gas - historical levels
31. Change of diet to consume less carbon-intensive foodstuffs. The problem with beef.
32. Chelsea tractors – the SUV and the school run
33. China
34. Chipboard
35. Chips with everything. But what is a chip anyway?
36. Chloro Fluoro compounds. The hole in the ozone layer and the work of James Lovelock
37. Climate change doubters
38. Climate emergency
39. Climatological research
40. Cloud storage

41. Cloud storage and wasted electricity
42. Cloudbursts
43. Co-mingled recycling
44. Coal
45. Coir for compost
46. Combined cycle gas turbine generators
47. Compost
48. Composting garden waste
49. Composting toilets
50. Computer security – viruses; Trojans; worms; adware; spyware; phishing and pharming. What is a firewall and how it can protect you
51. Conspiracy theories
52. COP26
53. Coral reefs
54. Cost of concrete
55. Cremation - alternatives
56. Cycling for health
57. Dams for power generation – but at what cost?
58. DDT
59. Death. Assisted suicide and the "Swiss option"
60. Deforestation
61. Dinosaurs and their demise
62. Direct Action
63. Discovering the talents of the humble electron. The second industrial revolution.
64. Disposing of problem Chemicals
65. District heating
66. DNA analysis
67. Dolby. I met him in 1973….
68. Double glazing and triple glazing
69. Droughts and floods
70. Drugs from plants
71. Drugs in waste water
72. Efficient cooking
73. El Niño
74. Electric planes?
75. Electric scooters
76. Energy from the Sun
77. Energy Performance Certificates. You are going to need one.
78. Escape to Mars
79. Exotic species arriving here
80. Expanded polystyrene
81. Exponential growth
82. Exporting waste to third world
83. Exporting your carbon footprint
84. Extinction rebellion
85. Extreme weather events
86. Fabrics that can be recycled
87. Fake news
88. Farming the oceans
89. Five G (5G) conspiracies
90. Flat display screens and high definition television.
91. Flight simulators. How they work and what can be achieved (VISIT?)
92. Flooding
93. Food web
94. Forensic science
95. Free electricity

96. Gardening to save the planet
97. Genetic engineering. What hope is there for curing diseases like Alzheimer's; Parkinson's and diabetes? The role of stem cells and cloning
98. Geoengineering - the last ditch. Thinking big - REALLY big
99. Glitter
100. Global warming - the evidence and the risks
101. Going VEGAN.
102. Goldilocks Planet
103. Green party
104. Habitat loss
105. Heat islands
106. Heat pumps – ground source and air source
107. High definition TV
108. Himalayan Balsam and other invaders
109. Hire a car – don't buy
110. Hockey stick curve of population growth
111. How can science combat the terrorist?
112. How to reduce your personal carbon footprint
113. HS2
114. Hurricanes
115. Hybrid power systems for cars
116. Hydroelectricity
117. Improving home insulation
118. Improving recycling
119. Insects migrating northwards
120. Insulation
121. Intergovernmental Panel on Climate Change (IPCC)
122. Investing in green technology
123. Japanese Knotweed
124. Joining in with other U3A organisations
125. Kraft paper for corrugated cardboard.
126. La Niña
127. Landfill
128. Lasers. What are they and how do they work?
129. Lead in petrol
130. LED lighting
131. Let there be light (I). Edison to the LED and beyond
132. Let there be light II. Custom-designed lighting fittings
133. Lithium
134. Lobbying MPs, Councillors on heavy carbon footprint organisations
135. Lobbying to get plastics use in packaging eliminated
136. Local generation of electricity
137. Logistics in the 21st century – the Amazon example
138. Loss of species
139. Mars or bust
140. Melting tundra
141. Methane - the elephant in the room
142. Microplastics
143. Milk – growing in popularity in China
144. Mining for water – Saudi Arabia mining water in Texas
145. Mining the Moon. Whose Moon is it anyway?
146. Mobile phones – cameras; Bluetooth; data on the move; TV on the move. Where next?
147. MOOCs. Massive Open Online Courses
148. Monocultures
149. Mud bricks
150. Neoniconitoids

151. Net zero?
152. Non-recyclable plastics
153. Nuclear fusion
154. Nuclear power. What should the government decide? (DEBATE)
155. Nuclear waste
156. Ocean conveyor
157. Online purchasing
158. Organic farming
159. Over-fishing
160. Packaging strike
161. Palm oil
162. Pandemics and population control
163. Paper recycling – hidden costs
164. Passive Haus
165. Peat - don't dig it!
166. Personal transport pods
167. Planned obsolescence
168. Plastic surgery
169. Plastics – their role in our destruction
170. Plug in cars (PHEV)
171. Pollution
172. Population control
173. Power interconnectors
174. Prawns are very bad for the planet
175. Public transport
176. Pullovers, cardigans and nightcaps
177. Rachel Carson
178. Rare earths
179. Recipe of the month
180. Recycled plastic: recycled – but how many times?
181. Reduce, repair, reuse and recycle
182. Repair cafes
183. Repairing appliances that might otherwise simply be thrown away
184. Reusing things
185. Rhododendron Ponticum
186. Satellites
187. Say yes to nuclear! And that include fusion reactors - always about 50 years away....
188. Science; engineering and technology. Maintaining our world position
189. Sewage and waste treatment (VISIT)
190. Sewage treatment
191. Ships that sail
192. Sigmoidal curve
193. Signal Crayfish
194. Silent Spring
195. Simple statistics
196. Smart appliances
197. Smart fabrics
198. Smart metering
199. Smart electricity supply grid
200. Solar panels for electricity generation
201. Smart TV
202. Space junk
203. Species loss
204. Spreading the gospel!
205. Stealth engineering. "I see no ships" (nor planes; tanks or people)
206. Steam engines
207. Stereophonic sound

208. Storing sunlight in batteries
209. Sub-Saharan Africa
210. Sulphur hexafluoride
211. Surround sound
212. Tear along the dotted line. Modern advances in philately
213. The big cleanup. Soaps and detergents
214. The birth of the bomb
215. The carbon economy
216. The confluence of computing; communications and entertainment
217. The discovery, rise and fall of antibiotics. Concern about the MRSA germ
218. The future of (home and portable) computing
219. The Global Positioning System (GPS)
220. The hydrogen economy
221. The relentless march of technology. Are we seeing exponential growth and when will it stop?
222. The sixth Global Extinction - the one that WE are responsible for
223. The smart house
224. The world's greatest natural trashcan
225. Thermal power stations
226. Thermonuclear power stations
227. Third world poverty and rising temperatures
228. Three phase power distribution
229. Tidal energy
230. Transmission of viral vectors
231. Trawlers damaging the seabed
232. Trees – their importance for us
233. Tropical storms
234. Trump
235. Two per cent is too far – and we have wasted 30 years already
236. Unseasonal gales
237. Upcycling
238. Veganism
239. Vertical farms
240. Water wars
241. WEEE – Waste from Electrical and Electronic Equipment
242. What is it that is bugging you? Covert surveillance techniques
243. What we can do personally
244. Where are the bugs? How long since you had to remove squashed insects from your windscreen?
245. Whole life cost of products
246. Why it is so important to reduce our carbon consumption
247. WiFi, Bluetooth and routers
248. Wildlife corridors
249. Wind powered ships
250. Wind turbines - for or against?
251. Woodland management
252. Your next car - hybrid or fully electric? Playing an end game