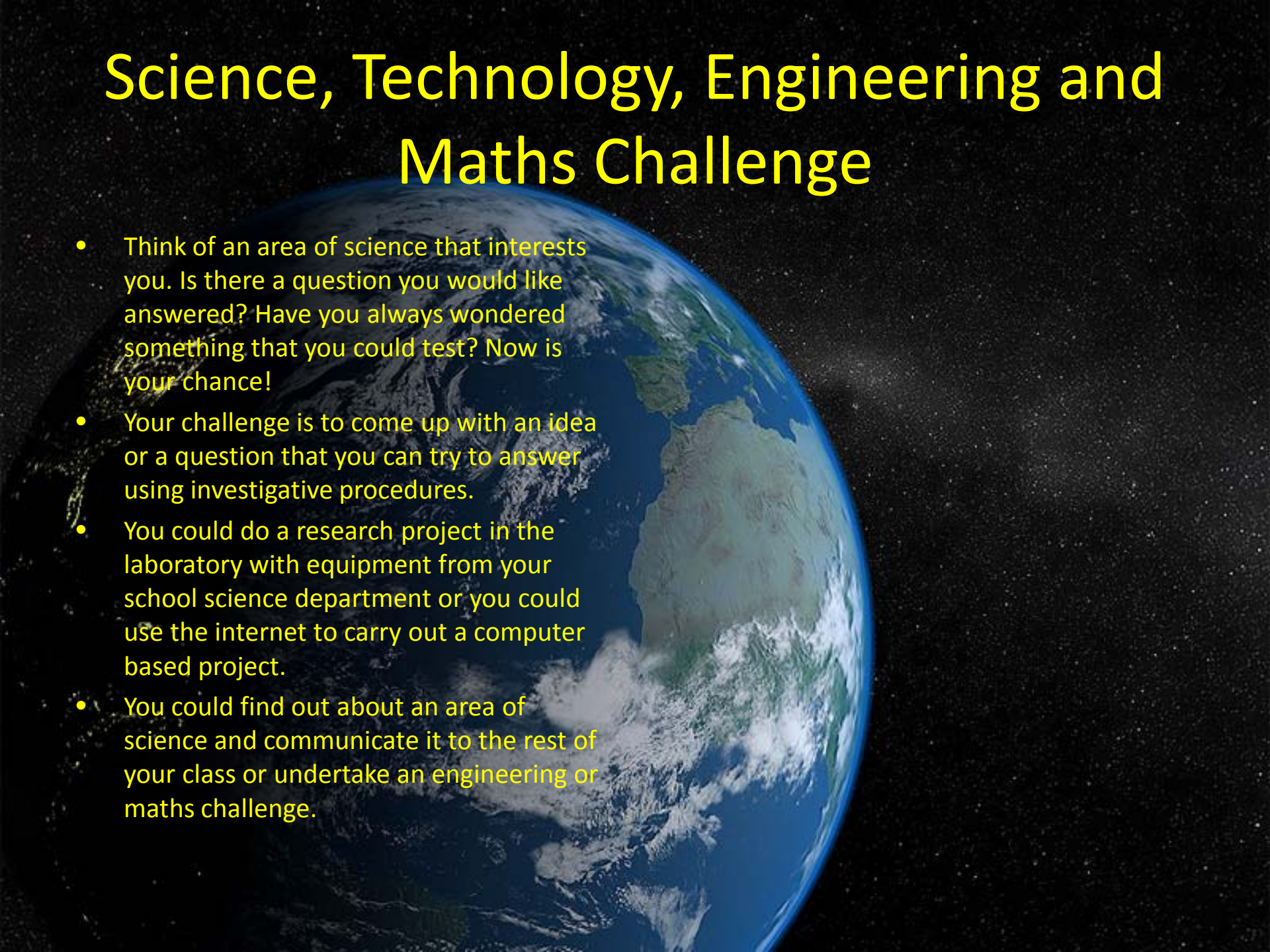


# Science, Technology, Engineering and Maths Challenge

- Think of an area of science that interests you. Is there a question you would like answered? Have you always wondered something that you could test? Now is your chance!
- Your challenge is to come up with an idea or a question that you can try to answer using investigative procedures.
- You could do a research project in the laboratory with equipment from your school science department or you could use the internet to carry out a computer based project.
- You could find out about an area of science and communicate it to the rest of your class or undertake an engineering or maths challenge.



# Energy Challenge

- You are challenged to design a renewable source of energy to power a Christmas Tree.
- You must keep the tree powered at all times for a three day period.
- It must be renewable energy and which can supply the tree directly or you can charge a battery to store energy.
- You must work in groups of three to five people.

