

English::

Rewrite a popular nursery rhyme using text speak or emoticons.

To write a short story, probably a thriller.

Computing:

- To know what an algorithm is and to write one asking a robot to complete a simple task.
- Become an effective 'web-crawler' searching the web effectively and safely by making sure websites are trustworthy. Look at spoof websites and discuss their content.
- Investigate how fibre optic cables connect parts of the network by transmitting digital data as light.
- Make lists of networks in everyday life, such as railways and the human circulatory system.
- Draw a map of the computer network in school.
- Enjoy a talk about future technology by Mr Bradbury, Aspire Director of IT and communication.

Maths- Our fluency objective this half term is to identify common factors, common multiples and prime numbers.

PSHE: Watch clips of Tomorrow's World (1978-2003) and discuss how and why the products featured changed. Our Jigsaw unit is called 'Healthy Me' which explores healthy diets, alcohol and drug use.

History: Research the 2000 year old history of computing and display this as a digital timeline.

Find out about significant people who have changed the world of technology including Tim Berners-Lee and Steve Jobs. Explain why they are important and how their work shaped technology.

Art and DT:

- Study logos used by search engines and online companies. Describe how colour and shape are used to create a brand or identity. Sketch designs for your own logo.
- Take part in a collaborative art project entitled 'ROBOT'.

PE: Develop our Sports Leadership skills by working with younger children in school. Learn about using exercise as a form of relaxation and to release tension. Fine-tune our knowledge of the rules to team sports including handball and basketball.

Science::

- To know how light behaves and travels in straight lines. Use a fixed laser beam onto a target and use mirrors to get it back to its source.

Tomorrow's World – Oak Class

Text messages, emails, websites, blogs and podcasts- there are so many ways to communicate.

Learn how to set up a class blog and suggest ways to improve the school website. Discover the movers and shakers in the world of technology- those people who've shaped the modern world. Let's start today on Tomorrow's World...

Foreign Languages-

To research 'Life in France' and to know French vocabulary for days of the week.

RE- To learn about the Hindi festival 'Kumbh Mela'.