English
Read and compare a selection of example emails and make a note of their features, including how formal they are and the way the text is presented. Write and send a class email to the special guest. Thank them for their presentation and ask them to stay in touch and offer advice throughout the project. Read examples of 'spam' and analyse the language and techniques used by spammers to try and convince people to open and respond to their emails. Research and consider how spam emails can be harmful. Learn about e-safety when it comes to emails and how people can avoid malware, such as viruses, worms and spyware.

PSHE/ Citizenship/RE
Mr Chadfield - Burton Respect workshop
Consider how robotics and assistive technologies might influence and affect how they learn and work in the future. List the skills they think they will need in this future world.

History/ Geography
Use the web to research the history of computing. Display their findings on a digital timeline that includes images, facts and relevant data. Save their work in a named digital folder.

Tomorrow's World
Year 6

Art/ DT
Find out about significant people who have changed the world of technology, including Sir Tim Berners-Lee, Steve Jobs, Sir Jonathan Ive, Bill Gates, Steve Wozniak, Alan Turing, Mark Zuckerberg, Marissa Mayer, Susan Wojcicki, Jack Dorsey, Sheryl Sandberg and Blaise Pascal. Present their findings to the class and explain why these people are important, including how their work has helped shape technology. Take a class vote to decide who they think is the most significant person.

Mathematics Year 6 SATs revision
To reflect at shape to rotate a shape To find fractions of whole numbers to order fractions To identify lines of symmetry to identify rotational symmetry To understand what Translation is.
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To understand what Translation is.
Follow translation Directions Answers questions based on reading data from a table. Answers questions based on reading data from a chart.

Science
Investigate how optical fibre cables connect parts of networks by transmitting digital data as light. Shine a bright LED torch down one end of different lengths of fibre optic cable and observe carefully to see whether light emerges from the other end. Suggest reasons why the light can travel so far along the fibre optic cable and what properties make it suitable for telecommunications over long distances. Record their findings in a scientific report including how the light travels down the cable.

PE – to continue
Work alongside a professional or experienced dancer to learn a simplified version of the traditional Mexican folk dance, El Jarabe Tapatío (the Mexican Hat Dance). Find a partner and follow the instructions to learn the dance before trying it to music!

ICT
Learn how to search effectively and safely by making sure websites are trustworthy. Look at spoof websites then read and discuss their content. Show the class what they have found, explaining clearly and answering questions in a confident manner.

This planner provides you with information regarding the theme your child will be learning about over the next few weeks. If you have any ideas or skills that could support our topic or have any questions about this term's learning, please speak to your child's classteacher.

Year 6 ongoing weekly homework expectations:
Daily reading
Spelling
One piece of either - maths, English, science or topic work to be completed in a home learning book.

More ways to support at home: Many parents ask us for more home learning opportunities. Here are some ideas to help support your child's learning. These are not a homework requirement but if you do choose to complete some of the suggestions please do send them in to school. They will be an invaluable resource to support our learning.

Explain some common computing terms to a friend or family member who might not have heard of them: firewall, app, e-book, emoticon, phishing, wiki, blog and QWERTY. Make a list of all the computerised and robotic devices in your home. Ask a relative or friend to do the same with their home and compare lists. Are there any differences? Present your findings using ICT. Write a biography about a significant figure in the computing world. Check facts by crossreferencing different sources. Make a digital presentation about the web and include guidance for online safety. Design an internet 'scavenger hunt' for your parents or carers of 10 or more things to search for using a computer. Could they do it? Give them a mark out of 10! Research and identify useful apps designed to help people improve their spelling or learn their times tables. Present your work as a list of hyperlinks. Listen to a podcast and make a note of any key facts and information. Report your findings back to the class. Would you recommend they listen next week? Survey your friends, family and classmates to find out how much time they spend online, texting or watching TV each day. Present your findings in a chart. Do some market research. What are the top five websites used by your family and friends? What do they like and dislike about the websites? Draw a diagram to show the results. Learn about different codes, such as the reverse alphabet or Morse code. Experiment by sending short messages to your friends or family members. Can they understand you? Write a job advert to recruit a top spy. What skills and experience would they need? Write a diary entry using only emoticons! Share your ideas with a friend. How well do the emoticons show what you did and how you felt?

Cornerstones Project
Our new creative curriculum is called 'Cornerstones'. It is a very practical, engaging and inspirational series of lessons which include elements of science, history, art, design technology, geography and ICT.