

GS Year 4 Home Learning for Week Commencing 8th February 2021

Internet Safety

2021 Theme: An internet we trust - exploring reliability in the online world

Go through the PowerPoint – presented by Mr Nelson

Think about the questions that are asked during the PowerPoint and document your answers.

Produce a poster titled 'An internet we can trust'. Think about what could be included in this poster – see suggestions from PowerPoint. Include in your poster advice statements for unwanted items seen (e.g. pop-up menus / adverts) and what we should do when exploring online.

Extension Task: Explore Espresso using link [Discovery Education Espresso - Online safety](#)

Watch videos, complete activities (quizzes) and read through fact files.

Summarise your findings/learning in a creative way.

Science

LO: To identify and sort materials into electrical conductors or insulators

Activity 1:

What are conductors and insulators? Watch this [Espresso video](#) to find out.

You can further research the answer to the question and create a table to show examples of conductors and insulators.

Activity 2:

Complete the activity '[Conductor or insulator?](#)'

Activity 3:

Have another look at the [virtual circuit maker](#). At the bottom of the electrical components list, there are some unusual items, such as a pencil. Do these items conduct electricity? Make a prediction about each item before testing it in a circuit.

Extension: How does understanding about conductors and insulators help to keep us safe?



DT

LO: To design a desk tidy for Ms Smith

Begin by researching different styles of desk tidy. What do you think would suit Ms Smith best? What do you like about the existing designs? What do you think you could improve upon?

Next, you will need to draw your design. Be creative in your designs but think practically about the materials you have available to make it with. Ensure that your plan meets the design brief. Don't forget to annotate your designs to show dimensions, materials and include exploded diagrams to show details. You will find a design brief and supporting resources on the website.

DT

LO: To make and evaluate your desk tidy

This task can only be completed once you have designed your desk tidy.

Follow your plan to construct your desk tidy. If you are using glue or tape, think carefully about the quantity you are using and how it will look.

You will then need to complete an evaluation; on the website, you will find a list of questions that you can use to help guide you in evaluating your product. You will need to think critically about the quality of your plan, the effectiveness of your desk tidy and how well you have met the design brief. You may choose how to present this piece of work; it could be written, presented using your computer or even videoed.

RE

LO: To describe the main celebrations and festivals in the Hindu religion

There are many important festivals in Hinduism. All of the Hindu gods and goddesses have festivals associated with their stories. Some festivals are linked to important figures in the Hindu faith, such as famous gurus. These festivals are celebrated as national holidays in Hindu countries. However, any place in the world where Hindus live will also hold celebrations of these festivals. Of the many Hindu festivals celebrated worldwide, there are two important ones. These festivals are Diwali, the festival of lights, and Holi, the festival of colours. Can you research more about these main festivals, including details about why they are important? You may choose how to present your findings.

Extension: Research the festival associated with the deity that you found out about in week 3 (week beginning 25th January).



Bonus activity:



Complete a Joe Wicks 30 workout.

