

W/C 18.5.20 Year 5 Week 5 Topic Tasks

Science

LO – To use your scientific knowledge

Over the last few weeks, you have learnt how the Earth, Sun and Moon move and what this causes. This week's lesson is your chance to demonstrate that you fully understand this complicated topic.

Task 1

Design your own planet. You can be as creative as you want, but everything that happens on the planet needs to be explained scientifically. For example, if part of the planet is always in daylight you would have to explain why (think about what causes night and day on Earth and what would happen for part of the planet to always have daylight).

Before you design your planet, make sure you think about the science which causes it. Think about:

-Length of day

-Length of a year

-Seasons on the planet – are these the same in the Northern and southern Hemisphere

-How many moons can you see? Does their appearance change?

-Is the gravity the same (less gravity would let us lift more and move differently). NB Gravity is created by the mass of the planet. The greater the mass then the more gravity.

-Does your planet have seas, and do they have tides?

Once you have drawn your planet and described the science, you can then name your planet.

Enjoy!

R.E.

Topic – Leading by Example

Last week, we looked at spiritual leaders. As you know, leaders can enforce rules and the law. This week, we are going to think about rules. It is a two-part lesson that will continue next week. For Part 1, you are thinking about rules and giving your opinion.

L.O. To understand the importance of rules.

Starter

- What rules do we have at school?
- What rules do you have at home?
- Can you think of any rules we have in society?

Write your ideas down on a piece of paper.

Main



Democracy

Democracy is when a group of people have equal rights and the freedom to choose how they are treated, rather than when one person has all the power and makes all the decisions. It can also refer to the way in which we vote for the person or group we want to represent us.

Individual Liberty

Individual liberty is when people have the freedom to choose their faith, beliefs, likes and dislikes which are outside Government control.

Rule of Law

Rule of Law means that all people and groups are ruled by the same laws which help to keep us all safe and happy.

Mutual respect for and tolerance of those with different faiths and beliefs and for those without faith

A fair, objective and permissive attitude to those whose faith and beliefs may differ from one's own.'

British Values



Today, we are focussing on the British Value 'Rule of Law'.

We would like you to answer the question:



You might have your answer straight away, but we would like you to give several reasons to back up your answer. The examples may also help you in the plenary.

To get you thinking, we have included some examples of rules/laws that are present in societies:

- In Britain, it is illegal to **smoke** in public places under the Health **Act**, you cannot **smoke** in restaurants, bars, shops or pubs. This includes all public places.
- A link explaining America's **gun laws**: <https://www.bbc.co.uk/newsround/41483003>
- In British Columbia, Canada, if you hold a **learner's driving licence**, you must have someone who is above the age of 25 with you in the car.
- You have to be 13 years old to use **Facebook**.

Task

Write a paragraph explaining your answer to the question 'Are rules a good thing?'.

Plenary:

Why do you think some countries have different rules? List as many reasons as you can.
In your opinion, should all countries have the same rules?

Computing

This week are giving you a chance to revise your coding skills. Use the Hour of Code activity to work through some key coding skills in scratch.

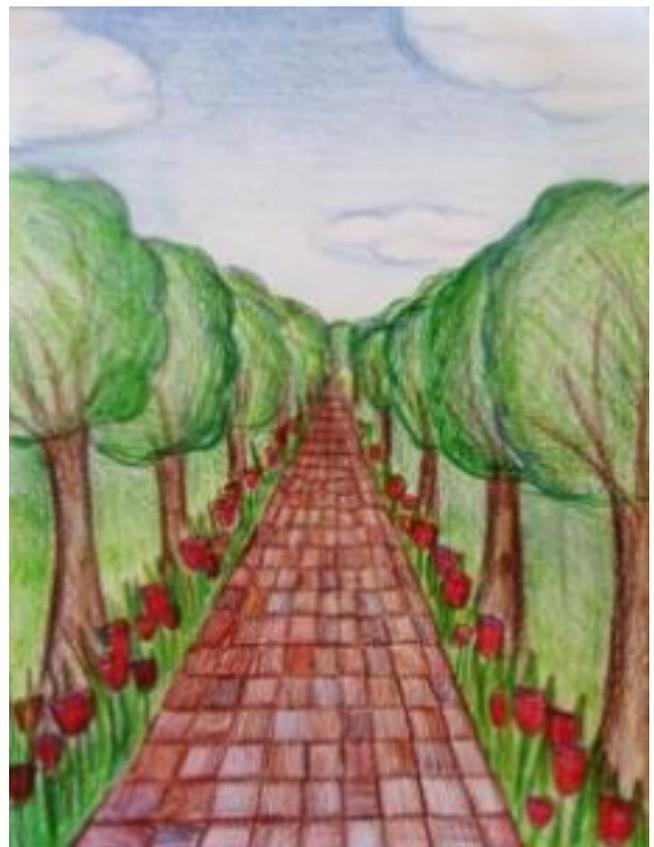
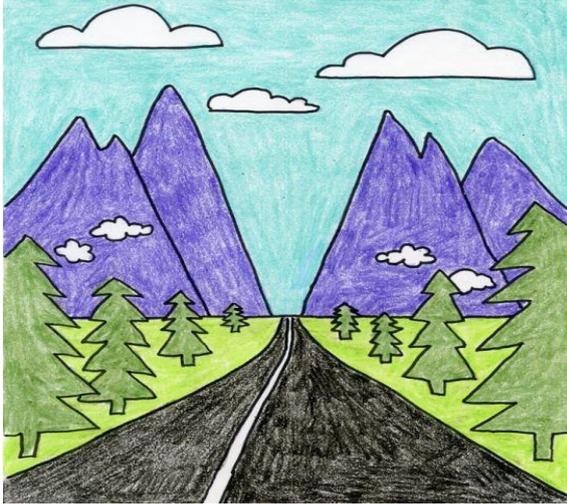
<https://studio.code.org/hoc/1>



Art

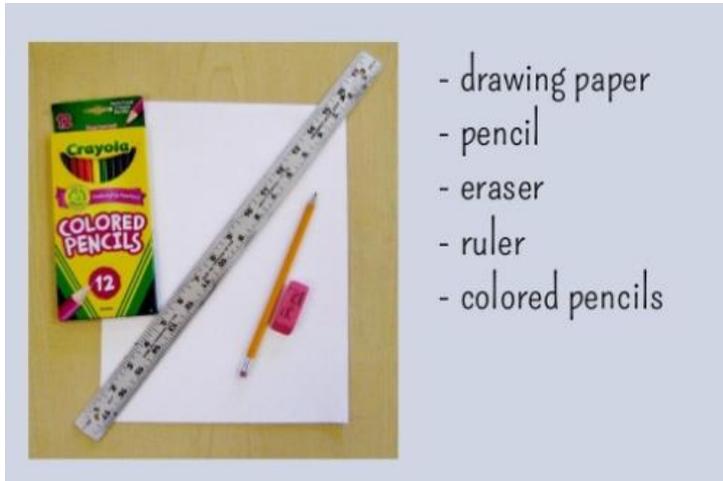
This week, it's all about **perspective!**

What do you notice about all of the pictures below?

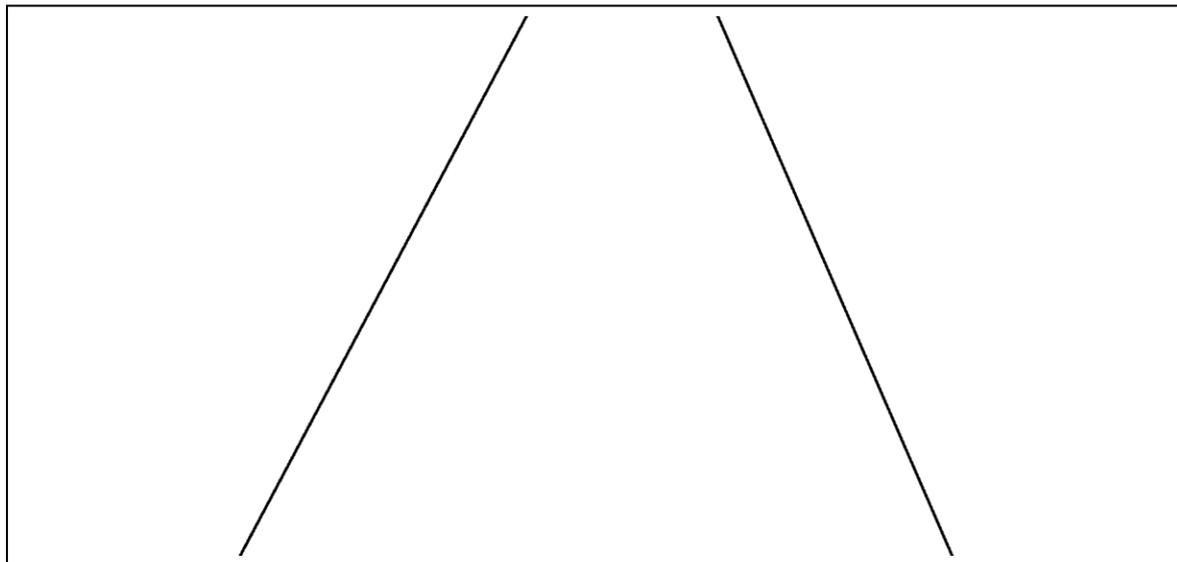


Task: Create your own perspective picture.

You will need:



Start by drawing two lines (like below) onto a piece of paper.



Then....be imaginative!

We would love to see your creations on Showbie when you have finished 😊

Mindfulness Ideas

Origami

Beginners:

Dog: <https://www.youtube.com/watch?v=pS8rmhVgpHU>

Cat: <https://www.youtube.com/watch?v=mKA2XVfKTKY>



More challenging:

Koala Bookmarks:

<https://www.youtube.com/watch?v=DZs8lXwqQDg>

Unicorn Bookmarks:

<https://www.youtube.com/watch?v=WWVX1iE5xzU>

Pikachu:

<https://www.youtube.com/watch?v=rCF50ywqwRg>



There are **many** more video tutorials to choose from online if you would like to find an idea of your own 😊

Listen to your favourite **music**.

You could make different playlists e.g. 'My Favourite Songs', 'Calm Songs', 'Happy Songs'.



Learn how to [draw characters](#):

HooplaKidz Doodle:

<https://www.youtube.com/channel/UCLQSPBa9sFeiqLUdDSgtsZQ>

You can learn to draw Disney characters, superheroes, Pokémon and much more.



Run!

This could be round your garden or in the park when you go for daily exercise.

Get some fresh air, exercise and clear your mind 😊

P.E.

Continue to add to your log.

Below are a couple of YouTube channels you might like to try:

Go Noodle: <https://www.youtube.com/channel/UC2YBT7HYqCbbvzu3kKZ3wnw>

Kidz Bop: <https://www.youtube.com/user/KidzBopKids>

Cosmic Kids Yoga: <https://www.youtube.com/user/CosmicKidsYoga> - which is great for mindfulness too.