

# KS1: Infinity and Beyond Knowledge Organiser



## Science: Trees

**Which trees lose their leaves during the year and which do not?**

Some plants lose their leaves during the year. Some plants keep their leaves during the year. Deciduous trees lose their leaves in Autumn. Evergreen trees keep their leaves all year round.



## Science: Features of Plants

**What are the features of a plant? Why are these features important?**

Roots, leaves and the stem are important parts of a plant. Roots, leaves and stems have important functions.



**History: Yuri Gagarin**  
**Who was the first person to fly to Space?**  
Yuri Gagarin was the first man in space.

## Science: Plants

**What do plants need to grow?**

Plants need water, light and a suitable temperature to grow and stay healthy.



## Science: Flowers

**What role does a flower have in a garden?**

Flowers can attract birds and insects. Flowers are a variety of different colours and can make seeds for the plant.



## History: Space

**What does Space look like?**

The moon is the furthest humans have gone - a distance of just under 240,000 miles.



**Art: Mixing Colours**  
**How can colours be mixed to create other colours, tints and shades?**  
Primary colours red, blue and yellow are mixed to create the secondary colours of orange, green and purple.



## History: Astronauts

**Can I compare two important astronauts?**  
Mae Jemison was the first African-American woman to go to space.



## History: Moon Landing

**Who was the first man on the moon?**  
Neil Armstrong was the first person ever to walk on the Moon. As he stepped onto the Moon, he said, "That's one small step for man, one giant leap for mankind."



## History: Astronauts

**Can I compare two important astronauts?**  
Neil Armstrong was the first person ever to walk on the Moon and Mae Jemison was the first African-American woman to go to space.



## History: The ISS

**What is the International Space Station?**  
Helen Sharman/Tim Peake are astronauts who have visited the International Space Station.



## Art: Watercolour

**How can watercolours be used to blend colours?**

Watercolours can be used to blend colours and black and white can be used to create tints and shades.



## Science/Art: Planets

**What are the 8 planets in the Solar System?**

There are eight planets in the solar system: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.



## Art: Jackson Pollock

**Who was Jackson Pollock? How can we use his techniques to create a space background?**  
Jackson Pollock was an American expressionist artist who created pictures using pouring and splatter techniques.



## Art: Collage

**What is Collage?**  
Different materials can be used to create an effective collage. For example fabrics and buttons.



## Art: Collage

**How can collage be used to create a picture?**  
Different materials can be used to create an effective collage. For example fabrics and buttons.



## Design and Technology: Veggie

**Why is Veggie important?**

The Vegetable Production System, known as Veggie, is a space garden residing on the space station.



## Design and Technology: Food

**Where does food come from?**

Food comes from plants and animals and has to be farmed or grown or caught.



## Religious Education: Judaism

**Who was Moses and the King of Egypt?**

The celebration of Passover is prescribed in the book of Exodus in the Old Testament (in Judaism, the first five books of Moses are called the Torah).



## Music: Beat

**What is a beat?**

Beat is the steady, underlying pulse of the music (like your heartbeat, a clock's tick, or the part of the music that you would clap or tap along too).



## Design and Technology: Food Groups

**What are the five groups of food?**

There are different types of foods with different jobs. Fruit and vegetables are healthy.



## Religious Education: Pesach

**What is Pesach?**

Pesach is known as Passover which is a celebration commemorating the Hebrews' liberation from Egypt.



## Religious Education: The Torah and the Bible

**What is the Torah? What is the Bible?**

The Torah teaches Jewish people about God and the Bible teaches Christians about God. They both contain stories, teaching and rules which guide them and show them what is right and wrong.



## Religious Education: Pesach

**What is remembered at Pesach?**  
Pesach is celebrated with a family meal called seder. The items on the plate all have significance and are related to the story of the Exodus.



## Religious Education: Commandments

**What are the commandments?**

The Torah teaches Jews about the covenant God made with all Jewish people at Mount Sinai. God gave Moses a set of ten laws that they should follow in order to please him.



## Religious Education: Noah and the Ark

**What stories and beliefs and rules do Jewish people and Christian people have in common?**  
The story of Noah is found in both the Torah and the Bible and show Christian and Jewish people about a promise from God and teaches about right and wrong.

