

# Home Learning Projects - SPACE

*This Home Learning Project links with the Space topic which we will cover this term.*

*Please complete a minimum of 3 different tasks by the date below.*

*Each piece of Home Learning you produce MUST be to a high standard.*

**DUE IN: Monday 5th February**

## Knowledge

- Make your own quiz about the Solar System
- List different materials and their properties that could be used for constructing a Space-suit or Space Ship..
- Research an early Astronomer—What did they discover? How did they discover it? How did their discovery change what people thought?

## Understanding

- Produce a poster or 3D model of the solar system
- Summarise the life of Don Davis (the artist) You can use illustrations too.
- Design an advertisement for a Space-suit or Space Ship.

## Analysing

- Research a NASA rocket that has been invented and distil what you learn into a poster, booklet or explanation.
- Is Space Travel worth the billions that it costs? Research and discuss—What are the benefits and advantages for the human race.
- Create a biography about a space explorer (examples: Yuri Gagarin, Neil Armstrong or Buzz Aldrin) and what they discovered on their expeditions.

## Apply

- Write an explanation of how the earth spins on its axis as it orbits the sun. Describe how long it takes for the Earth to orbit the sun and the effect the orbit has on life on Earth.
- Make a dish that an astronaut could eat. Explain how it would be healthy and appropriate for eating in zero gravity.
- Write a diary entry for a planetary landing—use your 5 senses.

## Create

- An advertising jingle for a Space Hotel.
- Make our own game about training to be an astronaut.
- Produce a 3D model of inside a NASA rocket.
- Make a triptych showing a space scene.

## Evaluating

- Choose 4 objects in your house and explain why the materials they are made from would make them a good or bad choice for use on a Space Ship.
- Discuss whether you would want a career as an Astronaut when you are older. Explain why/why not?
- Predict what would happen if the Sun started to diminish in size and power and its effect on the Earth. Create a comic strip about what would happen to the people on Earth.