

The Night Sky

Wednesday 27th January

Twinkle, Twinkle

- 1) What are stars?
- 2) Why do stars look very small to us?
- 3) Why do stars twinkle?
- 4) What are constellations?
- 5) How did sailors use constellations?
- 6) Why do you think the constellation the Big Dipper was given that name?

Cool Facts about Space

- 7) How long would it take to drive to the Sun?
- 8) What planet has 67 moons?
- 9) What different colours can stars be?
- 10) How old is the universe?

Thursday 28th January

A Home for the Sun

- 1) What is the Sun?
- 2) What is the Milky Way?

Flying Objects

- 3) What is a meteor?
- 4) What does a comet look like and how does it move?

Spot the Dots

- 5) How can you tell the difference between a planet and a star in the night sky?
- 6) Do planets make their own light like stars?
- 7) How many planets are there in our Solar System?
- 8) What planets can we see at night with just our eyes?
- 9) Why do we need a telescope to see Uranus and Neptune?

Challenge - Who's out there?

Have a think about these questions and discuss your answers with someone at home.

The Sun is a star. There are more than 300 billion trillion stars in space. Earth is the only planet we know of that has life on it.

Do you think there could be life somewhere else in space?

Would you like there to be life on another planet somewhere?

Why or why not?