

SHADOW PUPPETS IN SPACE

Do you know why the collection of planets the Earth is in is called the 'solar system'? Solar means sun, and each planet in our system is circling the sun - it's literally the centre of our Universe!

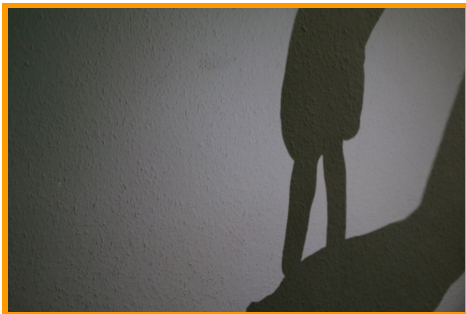
The Sun is the only source of organic light in the solar system, and light is the fastest moving thing... ever! That's why we can see stars in the sky - they are twinkling at us from their own solar systems - if we got closer to them, they'd be just like our Sun.

Today, let's explore light. Get a torch or lamp, and a piece of plain wall (Or you could use the ceiling!) in a nice dark room.

Turn on the torch. See how when you put your hand between the light source and the wall it makes a shadow of your hand? Try bringing your hand closer and further away from the torch... it makes a big difference, doesn't it?

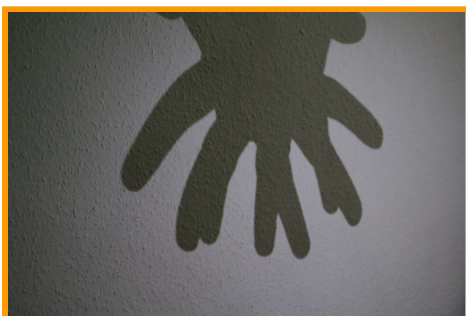


You can make all sorts of shapes with shadows - if you prop the torch up you can use both hands and even experiment with holding up other objects to make more complicated shapes.



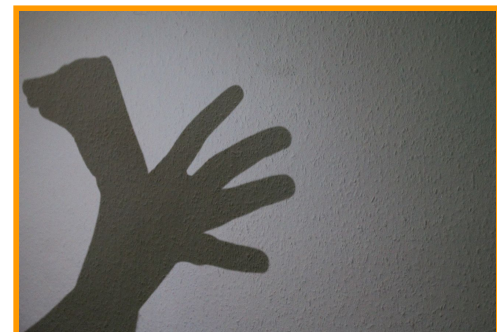
Based on everything you've learnt about outer space this week, tell the story of an astronaut's journey through the galaxy using shadow puppets!

They might have a spaceship...



Or explore a foreign planet...

They might even meet an alien!



Show us what you come up with in our gallery, and we'll see you on Monday for a brand new theme!