



## Scorpions Homework - Term 2



### Homework Menu

Choose at least one task from the whole menu to complete before the end of term.  
You may have other creative ideas relating to our topic.

#### Homework expectations for Term 2:

**Maths** - Tasks on MyMaths will be set weekly (Friday) to correspond with the learning in class. Please ensure these tasks are completed within the week.

**Homework Menu** - Throughout the term, I would like children to complete as many tasks from the 'Homework Menu' as they would like. These tasks relate to our topics in class and give the children the opportunity to develop their learning and understanding further.

A minimum of one task from this whole menu should be completed and handed in by **Friday 12<sup>th</sup> December.**

**Additional tasks** - To support the preparation and transition to secondary school, additional tasks could be set throughout the term.

#### **Science: Light and Reflection**

**Shine a Light** - Find 3 objects that light can and can't pass through. Sort them into *transparent*, *translucent*, and *opaque*.

**Mirror, Mirror** - Draw a picture of yourself looking into a mirror. Label where the *light source*, *mirror*, and *reflected light* are.

**Shadow Play** - Use a torch to make shadows with a toy. Measure or draw how the shadow changes when you move the torch closer or further away.

**Reflection Detective** - Find 3 places at home where you can see reflections. Explain how each one works.

**Periscope Challenge** - Research and sketch how a periscope works using mirrors. Explain why reflection is important.

**Inventor's Idea** - Imagine you've invented a new gadget that uses light or reflection (e.g. a light-powered toy or reflective clothing). Draw and explain how it works.

#### **Geography: Population**

**Push and Pull** - Make a list of 3 "push" factors (reasons people might leave a place) and 3 "pull" factors (reasons people move somewhere new).

**Changing Places** - Ask an adult if they or someone in your family has ever moved to a new place. Why did they move?

**Birth & Death Rates** - Create a short fact file comparing birth and death rates in two countries (e.g. UK and India).

**Population Impact** - Write a short paragraph explaining how a growing population might affect schools, hospitals, or the environment.

**World Map Challenge** - On a map, mark 3 countries where population is growing fast and 3 where it is shrinking.

**Future Thinker** - Imagine the world in 50 years. How might changes in population affect how and where people live?

#### **Creative**

**Street Art Safari** - Go on a hunt for street art in your local area. Take pictures of what you find. Could you create a copy of your favourite on a small scale?

**Mini Mural Design** - Design your own small mural on paper. Choose a theme (e.g. nature, kindness, community). Label your colour choices and symbols.

**Message in Art** - Street art often shares a message. Find an example that sends a message and explain what you think it means (local or online).

**Name Tag Graffiti** - Design your name in a graffiti style using bold letters, shapes, and colour.