

## Science Quest KS2

<b>Subject Area(s):</b>	Physical Sciences
<b>Key Stages:</b>	Ideal for any Key Stage 2
<b>Time Requirements:</b>	
Set-Up Time	15 Minutes
Duration	50 Minutes each
Reset Time	15 Minutes
Set Down Time	30 Minutes



**Description:** Science Quest is a practical and fun packed educational experience for school children at KS 2.

Using models and activities they can explore the world of the Physical Sciences in the following Science Quests...

### Learning Points:

- **EARTH & BEYOND - SOLAR QUEST**  
In this unit children will explore Day and Night, the Phases of the Moon, and the lengths of a day and a year
- **ELECTRIC QUEST**  
This unit builds on children's previous practical experience of making circuits and extends their understanding of circuits, conductors and insulators.
- **FORCE QUEST:**  
Children will build upon their existing knowledge of forces. The unit will examine friction, springs, magnets and upthrust...
- **LIGHT QUEST**  
In this unit children will learn that light:
  - travels in straight lines
  - comes from a light source
  - can be blocked by some materials yet pass through others
 This unit will also examine the relationship between light and the formation of shadows

<b>Group / Class Size:</b>	40 maximum
<b>Space Requirements:</b>	These Quests are based on class sizes and can be conducted in the classroom
<b>Equipment Requirements:</b>	Electrical power point
<b>Notes:</b>	This package can be either a half day or a full day visit; the same Quest may be repeated up to 4 times in a day or you can have two of each...