***Rainbow Spinner***

***The science of what happens.***

* Ordinary light consists of the seven rainbow colours:

Red, Orange, Yellow, Green, Blue, Indigo, Violet

* Isaac Newton was the first person to show that light could be split up into seven different colours.
* Just as raindrops or a prism can split white light into these seven colours so can white light be made by mixing the seven colours together.

(Zoe, Eabha and Katie will demonstrate different ways to show how light can be split into the seven colours.)

(Matthew, Shauna and Rachel will demonstrate how by spinning the disc quickly the eyes see all the colours together and so the disc appears white.)

By: Matthew, Rachel, Shauna, Zoe, Eabha and Katie