



# Science Project

*This half term in Science we are learning about Light and Shadows*

*For your topic homework this half term, your choice of science challenges to complete are:*

## *Design/make your own sundial*

*Set it up outside and see how well it works Can you explain how it works? Take a photograph of it outside including a shadow.*

*This website may help*

*<http://www.metoffice.gov.uk/learning/weather-for-kids/experiments/sundial>*

## *Design and make a shadow puppet.*

*Can you use some translucent and some opaque materials?*

## *Make a poster about reflective materials for safety.*

*You could collect some light reflective material i.e arm bands, bicycle reflectors, clothing reflective strips etc.*

*Test them in a dark room and make a poster about their benefits.*

*The homework is due in on*