

## KS2 Working scientifically Plan Do Review

**Year  
3**

Plan and set up a fair test to test shoe grip  
Can everything make a shadow?  
Work as geologists to comparing and group rocks  
Investigate the way in which water is transported within plants  
Research and report on why the bee population is declining

**Year  
4**

Work as an environmental scientist to classify and group living things  
Work as a materials engineer to explore which tape is the stickiest  
Work as an acoustic engineer to make the best string telephone  
Ask questions about the human skeleton and turn them into investigations  
Work as electrical engineers to explore conductors and insulators

**Year  
5**

Plan a fair test to investigate factors affecting the speed at which solids dissolve  
Gather and clearly record data relating to volcanic eruptions  
Work as a geologist to investigate how craters are formed  
Work as an environmental scientist to research pollution  
Plan a fair test to investigate photosynthesis  
Work as a biomedical scientist to investigate how exercise affects heart rate

**Year  
6**

Work as an electrical engineer to investigate how to change the brightness of the bulb  
Work as a paleontologist to examine and investigate fossils  
Work as an environmental scientist to research renewable and non-renewable energy