



Lesson Plan: INVESTIGATION: QUESTION		Total Duration: 2-3 full lessons and the science share event.
<p>Note: For more details see the learning resource PDF. All worksheets are available on our website.</p> <p>Lesson Objectives:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Create scientific questions. <input type="checkbox"/> Identify what makes a good scientific question <input type="checkbox"/> Plan a scientific investigation to answer questions, choosing a suitable method <input type="checkbox"/> Recognise and control variables where necessary. <input type="checkbox"/> Develop the skills of scientific inquiry using practical techniques <input type="checkbox"/> Develop self-confidence and self-esteem in expressing and sharing their thoughts and ideas and developing an appreciation of the beauty and wonder of the world. 		
Activity: Starter		Notes:
Play intro film Part 1		
<ul style="list-style-type: none"> <input type="checkbox"/> Looking back on the previous investigations work with your class to come up with questions they'd like to explore further. 	Duration: 7 minutes Web resources: Film: Introduction to Question	Note: Depending on your classes' ability you may wish to let them choose the same investigation. See p 16 of the main resource for a re-cap of the past investigations.
Activity: Designing your investigations		
<ul style="list-style-type: none"> <input type="checkbox"/> Let pupil's choose a previous investigation from Terrific Scientific to base your investigation on. <input type="checkbox"/> Let pupil's choose the correct scientific method for the scientific enquiry. 	Duration: 2 Hours	Notes: See page 22 of the main resource for help with question building.
Play intro film Part 2		
Activity: Conducting the investigation		Duration: 7 minutes Web resources: Film: Introduction to Question
<ul style="list-style-type: none"> <input type="checkbox"/> Pupils should carry out their investigation. <input type="checkbox"/> Record their findings. 	Duration: 2 Hours	
Activity: Plenary		
Activity: Share your findings. See our sharing guide here at step 6. Sharing guide <ul style="list-style-type: none"> <input type="checkbox"/> Share your results with others. <input type="checkbox"/> This could be in a number of ways. <input type="checkbox"/> By sending in examples of your results to Terrific Scientific. <input type="checkbox"/> Or share in your class, your local area or at one of our Terrific Share Events. 	Duration: 2 Hours	

