LESSON PLAN TEMPLATES

Guidance for Teachers Developing Whole Class Science Investigations:

ESB Science Blast provides an amazing opportunity for 3rd-6th class teachers to boost their classes' science, maths, oral and literacy skills, all in one go! **It will take your class on a journey that will stir up their natural curiosity and enthusiasm for STEM learning**; allowing you to deliver the full breadth of the primary science curriculum. **The final destination is a class trip to one of our unforgettable ESB Science Blast showcase events.**

The core aim is to engage your class in an open ended scientific investigation into **any question that interests them**. ESB SCIENCE BLAST would like your class to generate its own unique question. The ideal source of that question is from the children themselves.

To help you on this quest ESB SCIENCE BLAST has developed a series of **LESSON PLANS that can act as a template** and guide you through the steps of generating and managing original science investigations in the classroom. Our judges see a huge variety of investigations, driven by children's curiosity and the willingness of their teachers to let them problem-solve, create, adapt and collaborate.

The lesson plans are based on the 6 steps of our INVESTIGATIVE FRAMEWORK and are supported by a number of worksheets and a PowerPoint presentation for use on your whiteboard. The amount of time required by each session is only an estimate and will vary significantly from project to project.

Plans Include...

LESSON 1: **INTRODUCTION TO SCIENCE BLAST**

LESSON 2: **SELECTING A QUESTION**

LESSON 3: **PREDICTING & PLANNING**

LESSON 4: **PRACTICAL WORK & INVESTIGATING**

LESSON 5: **ANALYSIS & REFLECTION**

Good luck with your project: We look forward to meeting your class at our showcase event soon!

6 Steps of our INVESTIGATIVE FRAMEWORK...

