

THE PRIMARY SCIENCE FAIR 2020

will be held on **Thursday 9th, Friday 10th**
and **Saturday 11th of January** alongside
the BT Young Scientist & Technology
Exhibition 2020



Are you interested in competing in the Primary Science Fair which has been held alongside the BT Young Scientist & Technology Exhibition since 2003. A whole class (max 30) students can bring a project to the event which is held alongside the longest running Science Fair in Europe which is now in its 56th year.

Brief Summary of Primary Science Curriculum

Introduction

The Social, Environment and Scientific Education Primary Curriculum provides opportunities for pupils to explore, investigate and develop an understanding of the natural, human, social and cultural dimensions of local and wider environments; to learn and practice a wide range of skills; and to acquire open, critical and responsible attitudes.

Pupils can explore both the natural environment and the human environment. Natural environments are formed largely through the interaction of the Earth's physical features and processes, its flora and fauna, for example the tropical rain forest, a peatland or a rocky seashore. Human environments are those modified by human activity such as farming, the presence of people, extraction of resources and the provision of roads, communication links and construction of buildings. Some human environments are termed built environments (constructed by people) and others result from social and cultural activities and are entirely human activities.

A key characteristic of learning in SESE/Science is involving pupils in the active exploration and investigation of environments. Pupils actively construct their own understanding. A scientific approach to investigation skills, concepts and knowledge through which they can observe, question, investigate, understand and think logically about living things and their environments, materials, forces, everyday events and problems. The knowledge and skills they gain can be applied in designing and making activities.

#ItStartsHere



Overview of 3rd, 4th, 5th and 6th class curriculum

Working scientifically

- Questioning
- Observing
- Predicting
- Investigating and experimenting
- Estimating and measuring
- Analysing – sorting and classifying; recognising patterns; interpreting
- Recording and communicating

Designing and making

- Exploring • Planning • Making • Evaluating

Strands – and strand units

- **Living things** – human life; plant and animal life
- **Energy and forces** – light; sound; heat; magnetism and electricity; forces
- **Materials** – properties and characteristics of materials; materials and change
- **Environmental awareness and care** – environmental awareness; science and the environment; caring for the environment



LIVING THINGS



MATERIALS



ENVIRONMENTAL AWARENESS
AND CARE



ENERGY AND FORCES

Log on to our website for more information and entry details
<https://btyoungscientist.com/the-primary-science-fair-at-btyste>

