

Rain, snow and sunshine, our weather is wonderful! But what causes planet Earth to have such a variety of weather conditions? Discover how the sun generates our wind and controls our water cycle. Create a tornado and stand back from the lightning!

**In this workshop, your pupils will discover how the sun's energy creates our weather. Using visual demonstrations, the formation of wind from warm air is shown and the water cycle is investigated using our interactive smartboards. Taking a look at extreme weather, pupils will work in teams to make a tornado and an Education Officer will demonstrate how lightening is formed.**

**This workshop enables pupils to:**

Develop curiosity and understanding of the environment.

Demonstrate a secure knowledge and understanding of the big ideas and concepts of the sciences.

Communicate, collaborate and build relationships through team work.

Establish a foundation for more advanced learning in the sciences.

**Curriculum for Excellence Experiences and Outcomes:**

Planet Earth—Processes of the planet.

By investigating how water can change from one form to another, I can relate my findings to everyday experiences. SCN 1-05a

Literacy and English – Listening and talking

*When I engage with others, I know when and how to listen, when to talk, how much to say, when to ask questions and how to respond with respect. LIT 1-02a*

