

Year 4 Autumn 1: Sparks Might Fly!

Theme Overview

• Lead Subjects	Additional Subjects	English
<ul style="list-style-type: none"> ▪ Science ▪ Design and Technology ▪ Music 	<ul style="list-style-type: none"> ▪ Mathematics ▪ PSHE ▪ Computing 	<ul style="list-style-type: none"> ▪ Explanation ▪ Fantasy ▪ Film and playscript

Visits	Visitors	Experiences	Events
Think Tank Museum in Birmingham	None planned	Explore how we can use electricity in different ways Experimentation with circuits	Create a project using electricity to be used in school and present it to the class

Getting Started...

Introduce the many ways electricity is used both in the home and in school. Discover how some everyday objects work. Consider what it was like living with no electricity.

Be Curious	Be Knowledgeable	Be Adventurous	Be Ambitious	Be Creative	Be Collaborative	Be Reflective	Be Positive
<ul style="list-style-type: none"> ▪ Engage in first-hand experiences ▪ Embrace experiences which are remarkable to the individual ▪ Invoke a sense of awe and wonder ▪ Develop an appreciation of and responsibility for the environment ▪ Engage in multi-sensory learning ▪ Experience contrasts (polluted/unspoilt, light/dark, urban/rural, loud/quiet) 	<ul style="list-style-type: none"> ▪ Secure strong Literacy/Numeracy Skills ▪ Develop subject specific language ▪ Manage, receive, record and apply information ▪ Nurture a thirst for knowledge ▪ Apply cross-curricular skills ▪ Develop Information processing skills 	<ul style="list-style-type: none"> ▪ Work within one's own comfort zone and outside it ▪ Work in the real world with first-hand experiences ▪ Work practically ▪ Work on a large scale ▪ Experience exhilaration, challenge and achievement ▪ Develop problem-solving skills 	<ul style="list-style-type: none"> ▪ Develop responsibility for one's own learning ▪ Link with experts ▪ See possibilities ▪ Strive for improvement ▪ Seek opportunities ▪ Develop an open outlook ▪ Develop a 'Growth Mindset' ▪ Develop relevant attributes of learning 	<ul style="list-style-type: none"> ▪ Choose how to use free time ▪ Developing hobbies and interests ▪ Apply skills to new situations ▪ Explore alternatives in problem solving situations ▪ Question 'What if...?' 'Why not...?', etc. ▪ Develop creative thinking skills 	<ul style="list-style-type: none"> ▪ Work with others in an interactive learning process ▪ Respect the opinions and differences of others ▪ Value one's own perceptions and those of others ▪ Challenging one's own perceptions and those of others ▪ Work as a team ▪ Develop empathy ▪ Develop social skills 	<ul style="list-style-type: none"> ▪ Make lifestyle choices in response to thoughts ▪ Identify and use one's aptitudes and interests as a vehicle for learning ▪ Move towards the understanding of a wide range of feelings (success/failure, apprehension, anticipation) ▪ Develop awareness of individual strengths and areas of development ▪ Develop reasoning skills 	<ul style="list-style-type: none"> ▪ Listen and respond to advice ▪ Value pupil voice ▪ Develop self-esteem ▪ Be listened to ▪ Manage one's own behaviour ▪ Develop own opinions ▪ Secure and articulate preferences ▪ Consider one's place in the world ▪ Foster intrinsic motivation ▪ Develop relevant attributes of learning