



We are Bright Sparks!

Year/ Class: Pine Class- Years 3 and 4

Start Date: 19.11.18.

4

End Date: 17.12.18.

Weeks

Main Subject focus:

Science

Supported by this/these subject(s):

DT

Discrete Subjects:

Guided Reading, SPaG/ Phonics, Maths, French, Music, PE, PSHE.

Rationale:

This is an opportunity for the children to learn about electricity, covering objectives as set out in the National Curriculum. This will include practical hands on experiences. This will be well matched to the learning style of many children in the class. The experiences will be applied to real life situations. The nature of this learning experience will also ensure that children are using many skills within scientific enquiry.

Hook:

POWER CUT!

Share photos of new build house- explain electrics needed- share outcome

Outcome:

Create a shoe box house with a working doorbell and two working lights.

Core Values

Aspiration Acceptance

Resilience Respect

Collaboration Honesty

How the Values will be fostered:

- *Resilience* fostered through trial and error, problem solving, coming to scientific conclusions
- *Aspiration* children will aspire to become experts and be added to the expert electrician wall.
- *Collaboration*- group work to share resources, create circuits etc.

Celebrating success by:

Showing their parents their home and how the electric components work inside.

Community Links/ Visits/ Visitors:

Parents in to celebrate success.

Parental support:

Parents come and celebrate achievements. Support children to identify electrical appliances at home. Collect shoe boxes.

Homework Project:

- Collect shoe boxes.
- Design (plan) a shoe box room including key features