

Inventions Overview

Community

- Working as a team—paired and group work.
- Building positive relationships with peers, welcoming new starters.
- Setting classroom expectations and routines for all.

English

- Research facts about inventors such as Alexander Graham Bell.
- To write an explanation text about inventions.
- Identifying and using imperative verbs in instruction texts.

Maths

- Times tables recall.
- Solving calculations using appropriate mental or written strategies.
- Assessment of year group objectives (number).
- Problem solving involving reasoning.
- Using and applying strategies to real life problems—measuring distances,

Creativity

- Creating a sound creature based on sound clips.
- Art using sound vibrations
- Remembrance day art work
- Designing packaging for our own invention.

Science

- Exploring how sounds travel.
- Exploring reflection and shadow.
- Learning about flight.
- Exploring the invention of the light bulb. -
- Making circuits.
- Learning about Braille

Challenge

- To design a product using reflective materials.
- Researching products and designing our own inventions.
- Making and exploring how sounds travel with string telephones.
- Testing and evaluating a product.
- Learning new skills within Forest school including knot tying, cutting wood and cooking over the fire.

Individuality

- Daily mood trackers to explore trends.
- Weekly personal target setting, to earn Enrichment at the end of the week.
- Reflecting on how to stay safe and managing risk (PSHE)
- Being healthy (healthy eating)
- Staying active (PE)
- Mindfulness and our brain (My Happy Mind)