

## English:

**S&L:** Formal presentations (pitching products). Two-way communication (listening and responding to questions).

**R:** Retrieve and present information from non-fiction texts – scientific texts, leaflets exploration

**W:** Writing to argue, persuade and advise. Print advertisements – slogans and copy. Instructions and explanations (using the toy).

Narrative – story writing (toys focus) (Literacy Shed video as stimulus i.e. Lego video)

## Computing (Co2/1.1, 2/1.2, 2/1.3)

- Logo block of flats (Algorithms) or
- Joe's Dream Bedroom (Control)
- Designing product on computer software.
- **E Safety – examine and evaluate website advertising and methods of persuasion, including digitally manipulated photos.**

## Science (Sc5/4.2b & 5/4.2c)

- **Forces:**
- Explore air resistance, water resistance and friction
- Friction focus
- Mechanisms (levers, pulleys and gears); Gravity.



## Autumn 1 Enrichment Lead Topic

### Dragon's Den

**Fulfilment – creating own moving item to sell**

**Choose your Attitude – testing different ideas and designs and persevering**

**Hook:** Launch of Bank

**Culminating Event:**  
**Dragon's Den Presentations**

'Dragons Den' pitch to Governors/SLT for Flora Bank house points

**Trips:** Visiting TESLA showroom in Westfield for a talk

## Design & Technology (DT2/1.1A, 2/1.1B, 2/1.2A, 2/1.2B, 2/1.3A, 2/1.3B, 2/1.3C, 2/1.4A)

- Investigate and analyse a range of existing products e.g. moving/mechanical toys researching the audience.
- Communicate ideas through sketches and prototypes.
- Design, make and appraise a product e.g. moving toy, using a wide range of equipment and construction materials.
- Understand and use mechanical systems.
- Evaluate their ideas and products against design criteria.
- Understand how key events and individuals in design and technology helped shape the world.

## Maths:

- Money – budgeting for the product, spreadsheets for profit versus expenditure on product, considering cost at retail value

## Subtle Links/Discrete Subjects:

- RE
- PSHE
- Physical Education
- Modern Foreign Languages: French
- British Values