

Spreadsheets and modelling using formulas

- Theme park

Key Question/What will I learn by the end?

Lesson sequence

Develop a model of a theme park with a budget

Design a spreadsheet to track and monitor expenditure

Use formulas to calculate fees, profits and losses

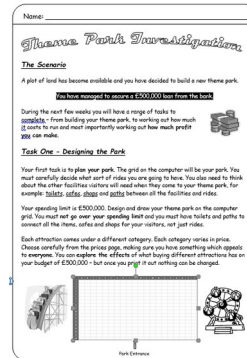
Using data to make predictions for an action plan

Consider how to market the theme park

Visual Representations



Google Classroom



Concept Links/Prior Knowledge

Knowledge of what a spreadsheet is and how to create one
 Knowledge of formulas and how to input them into a spreadsheet.
 Knowledge of internet/computer safety

Cross-curricular Links

Using Google Classroom to access the home learning

Maths – addition/subtraction and working out profit and loss/economic predictions.

Art and English – Marketing/advertising theme park

Sticky Learning

New Knowledge

- To know the design process when creating content (e.g. identify problem, plan, create, evaluate, share)
- To know what a spreadsheet is and what it is used for.
- To know how to collect data for a purpose and plan out a spreadsheet to present it effectively

New Skills

- Use sequence, selection and repetition in programmes
- Solve problems in programs by breaking them down into smaller parts
- To be able to create their own spreadsheet and present information from it.

Vocabulary

Microsoft Excel
 Formula
 Profit
 Loss
 Calculate
 Spreadsheet

Computer Safety

- To understand how to use a computer safely, respectfully and responsibly.
- Recognise acceptable and unacceptable behaviour and how to report this.
- Awareness of digital footprint
- Awareness of scams/phishing and target advertising.