



The Troll



Rationale/Intent

After finding a strange tool box belonging to the troll, the children will become Scientists and investigate what animals and humans need to survive. They will then delve deeper and understand what it means to have a healthy, balanced diet and ways in which exercise and hygiene play a key role in keeping us healthy. As designers, the children will design, make and evaluate a fruit salad, using specific skills, such as, cutting, grating and chopping with the support of their parents.

Throughout this project, the children will be using our ASCENT values of community, trust and success which will be based on their design criteria. They will demonstrate the British Value of mutual respect and tolerance of those of different faiths and beliefs.

Hook

A tool box is found full of unknown materials and a note from the troll asking, 'If found, please return to the Troll.'

Objective: Understand what it means to be healthy and how tools can be used in the making process of a healthy meal.

Outcome

The children will plan, make and evaluate a fruit salad for the pirates.

Focus Subject - English

Main writing tasks

Explain findings of the Science investigations.

Invent a story about the troll solving his problems.

Instructions for a recipe - a new one for the Troll's recipe book.

Other writing tasks

Label the properties of the

Troll's tool-box, including description of the object's purpose using a range of conjunctions, noun phrases and personal apostrophe.

Write a letter to the troll to explain their findings for each of the challenges set, using expanded noun phrases, adverbs, apostrophes and appropriate suffixes.

Writing skills to cover

Personal apostrophe and noun phrases.

Use subordinating conjunctions: because, if, that

Exclamation marks

Spelling, Punctuation and Grammar

j spelt dge ge

g and j

common exception words KS1

le

el

Suffixes -

forming comparative and superlative adjectives by doubling the final letter and adding "-er" and "-est":

Compound nouns:

noun + noun (*football*)

adjective + noun

(*whiteboard*)

Talk 4 Writing strategies

Boxing up for letters

Science

Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses

Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching

Investigate the most suitable material to make a spade out of by planning and carrying out a fair test

Ask simple questions and recognise that they can be answered in different ways including use of scientific language from the national curriculum e.g.

- Why do some materials sink and others do not?
- What properties do different materials have?
- Why are bridges made out of metal or wood?

What is the best material?

DT

To explore and evaluate a range of existing products

Research the importance of nutrition and healthy meals as part of the design process.

To design purposeful, functional, appealing products for themselves and other users based on design criteria

Plan and design a fruit salad which includes using a variety of tools, developing a design criteria.

To select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]

Understand the purpose of different tools in cooking

Learn how to use tools safely

To select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics

Make a fruit salad using the skills of scooping, mixing, chopping, grating and cleanliness.

To evaluate their ideas and products against design criteria

Evaluate final product against design criteria.

Understand the basic principles of cleanliness when preparing food.

Understand where food comes from.

Demonstrate the value of a varied diet.

***Discrete teaching* Geography**

Understand geographical similarities and differences through studying the human geography of their local shops, and physical geography through studying nearby food growing or production

Use world maps, atlases and globes to identify the UK and its countries, as well as the countries, continents and oceans studied at this key stage.

Cultural capital; Maths- Accurately measure during Science investigations using standard units - ml, g, cm, Time

ICT - On I-pads Video the re-telling of the troll story to share with Year 1 children and send to the Troll himself.

Home Learning

Create a healthy snack with instructions on how to make it.

Visits and visitors

School nurse/ lifebus - talk about being healthy

Parents in to help with fruit salad workshop.