SUPERHEROES

Be Creative:
When we design a superhero vehicle

Be Resilient:
When we use new tools and techniques to create axles and hinges

Be World-Wise:
When we learn about real-life superheroes from the past (Rosa Parks)
Do all heroes wear a cape? Link to real life heroes

History:

What we should already know:
- Ask simple questions about a significant event in history.
- Use a given source (e.g. diary entry, artefacts) to find facts about the past.

As historians we will:
- Ask a range of questions about the past (Who? What? When? Why?)
- Sequence the lives of significant individuals in the past who have contributed to national and international achievements.

Vocabulary:
Motivation, refusal, boycott, momentous, policy, inspire, segregation, racism, inequality, rights, activist, past, recently impact, primary source (first hand evidence), secondary source (second hand evidence), viewpoint, investigate, experts, research, evidence, fact

Application of knowledge outcome:
Write a non-chronological report about Rosa Parks

ICT – E-safety:

What we should already know:
- Begin to understand how to stay SMART (safe, meet, accept, reliable, tell) online.
- Understand how to search for safe images.
- Identify some personal information and begin to understand how it can affect safety online.
- Understand that there are digital ways to communicate, e.g. email.
- Tell a trusted adult if they see something inappropriate online.
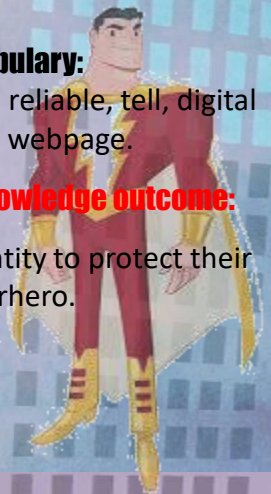
As information technologists we will:
- Understand how to stay SMART online.
- Understand whether a webpage is suitable for children or not.
- Understand what a digital footprint is.
- Identify some forms of digital communication, e.g. email.
- Identify kind and unkind behaviour online.

Vocabulary:
Safe, meet, accept, reliable, tell, digital footprint, webpage.

Application of knowledge outcome:
Make a secret identity to protect their superhero.

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Science:

What we should already know:

- Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.

- Identify, name, draw and label the basic parts of the human body

As scientists we will:

- Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)

- Describe the importance for humans of exercise, eating the right amount of different types of food, and hygiene.

Vocabulary:

adult, young, human, water, food, air, exercise, nutrients, nutrition, diet, survival, hygiene, germs, overweight, underweight, obese, healthy, unhealthy, consumption

Application of knowledge outcome:

Design a superhero exercise routine and recipe for our superhero day.

WOW:

Design and create a superhero vehicle

Design Technology:

What we should already know:

- Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function; - Share their creations, explaining the process they have used

As design technologists we will:

- Design purposeful, functional, appealing products for themselves and other users based on design criteria
- Select from and use a wide range of materials and components, including construction materials, according to their characteristics
- Use the basic principles of a healthy and varied diet to prepare dishes

- Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products

- Explore and evaluate a range of existing products

- Evaluate their ideas and products against design criteria

Vocabulary:

aim, develop, customer, wheel, wool, style, lever, survey, saw, sew, joint, review, improve, levers, sliders, axle, stiffer, stable, structures, reinforce, mechanisms, portion, grating, caught, grown, standard measures, labelled increments, prepare, cook, recipe, consistency, heat source, recipe

Outcome:

Make a superhero vehicle