



Wow Starter: Finding the crash site on the school field.

Final Event: Hearing back from NASA about our research.

UNDERSTANDING THE WORLD

Uses of everyday materials KS1

sc29 identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses

sc30 find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching

MATHEMATICS AND COMPUTING

Number - multiplication and division KS1

m50 calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs
m52 solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

Measurement KS1

m55 choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}$ C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels

PHYSICAL EDUCATION

KS1

pe1.1 I can jump over obstacles safely and with control, and off apparatus knowing how to land safely
pe1.3 I can control my movements in gymnastics and show how I can balance, roll, travel or climb safely

pe1.4 I can perform a sequence in gymnastics to demonstrate controlled, co-ordinated movements in direction, level and speed



EXPRESSIVE ARTS AND DESIGN

KS1

ad3 I can use painting to share my ideas.
ad7 I can tell you about famous artists, craft-makers and designers and who my favourite is and why I like his/her work

Make KS1

dt10 I can create things using a variety of materials and components, including construction materials

LITERACY

Reading - word reading KS1

e61 continue to apply phonic knowledge and skills as the route to decode words until automatic decoding has become embedded and reading is fluent
e65 read further common exception words, noting unusual correspondences between spelling and sound and where these occur in the word

Writing - composition KS1

e103 writing for different purposes
e106 writing down ideas and/or key words, including new vocabulary

COMMUNICATION AND LANGUAGE

KS1

s11 listen and respond appropriately to adults and their peers
s12 ask relevant questions to extend their understanding and knowledge

s14 articulate and justify answers, arguments and opinions

PSED & RELIGIOUS EDUCATION

PSED Developing good relationships and respecting the differences between people KS1
pe18 Develop positive relationships through work and play.

PSED Preparing to play an active role as citizens KS1

pe18 Beginning to understand that they have more responsibilities to meet the needs of living things.

Learning About Religion KS1

ra13 Explore a range of religious stories and sacred writings and talk about their meanings.

Space Explorers - Stage Coverage

UNDERSTANDING THE WORLD

Uses of everyday materials **KS1**

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- **sc30** find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

MATHEMATICS AND COMPUTING

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- **m52** solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

Measurement **KS1**

- **m55** choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}$ C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels

PHYSICAL EDUCATION

KS1

- **pe1.1** master basic movements including jumping
- **pe1.3** master basic movements developing balance co-ordination
- **pe1.4** master basic movements, developing agility

EXPRESSIVE ARTS AND DESIGN

KS1

- **ad3** to use painting to develop and share their ideas, experiences and imagination
- **ad7** about the work of a range of artists, craft makers and designers.

Make **KS1**

- **dt10** select from and use a wide range of materials and components including construction materials

LITERACY

Reading - word reading **KS1**

- **e61** continue to apply phonic knowledge and skills as the route to decode words until automatic decoding has become embedded and reading is fluent
- **e65** read further common exception words, noting unusual correspondences between spelling and sound and where these occur in the word

Writing - composition **KS1**

- **e103** writing for different purposes
- **e106** writing down ideas and/or key words, including new vocabulary

COMMUNICATION AND LANGUAGE

KS1

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- **s12** ask relevant questions to extend their understanding and knowledge
- **s14** articulate and justify answers, arguments and opinions

PSED & RELIGIOUS EDUCATION

- **PSED Developing good relationships and respecting the differences between people **KS1****
- **pr18** Develop positive relationships through work and play.

PSED Preparing to play an active role as citizens **KS1**

- **pa18** Beginning to understand that they have more responsibilities to meet the needs of living things.

Learning About Religion **KS1**

- **ra13** Explore a range of religious stories and sacred writings and talk about their meanings.

