A picture containing outdoor, sky, land vehicle, vehicle

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Geography

***Key Questions***

1. What is meant by the physical features of an environment?
2. What is meant by the human features of an environment?
3. Can you name some human and physical features of our school environment?
4. What is an aerial photograph?
5. What is a key used for on a map?
6. What is a symbol?

***Key Vocabulary***

**aerial view:**  a view from above

**map:** a diagram of an area from an aerial view

**symbol:** a mark or picture used to show an object on a map

**key:** explains what symbols and signs mean on a map

**environment:** the surroundings in which a person, animal or plants live

**human features:** changes that humans have made to an area, for example, buildings

**physical features:** the natural environment of an area, for example, trees, soil, water

**grounds:** the land around a building

Lead subjects: Science, Geography, Design and Technology

Year 1 The Great Outdoors

A picture containing person, indoor

Description automatically generatedA picture containing child art

Description automatically generatedA picture containing box, indoor, wall, design

Description automatically generatedA picture containing building, painting, tower, outdoor

Description automatically generatedAn aerial view of a building

Description automatically generated with medium confidenceA map of a city

Description automatically generated with low confidence

Design and Technology

***Key Questions***

1. Who is your product for and how will it help them?
2. Why does your structure stand up/fall down?
3. How can you make a structure more stable?
4. What is the best material to use for…?
5. What are you going to use to join materials and why?

***Key Vocabulary***

**product:** an object that is made

**user:** who a product is designed for

**purpose:** the point behind a product, for example, to look pleasing or to be used for a specific reason

**design:** to plan and make decisions about something that is being created

**plan:** a drawing and instructions that have been thought of as a way to make a product

**evaluate:** to make judgements about what you have made and how you made it

**assemble:** to collect items and fit the different parts together

A picture containing cartoon, clock

Description automatically generatedA picture containing umbrella, clipart, illustration

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**waterproof:** if a material is waterproof it keeps water out. It keeps things dry.

**not waterproof:** if a material is not waterproof it lets water in

**absorbent:** a material thatsoaks water up

**not absorbent:** a material that does not soak water up

**shiny:** reflects light easily

**dull:** doesn’t reflect light. Doesn’t look bright or shiny.

Science

***Key Questions***

1. What are the names of some common materials?
2. What are some properties of materials?
3. What is the difference between an object and a material?
4. Can you explain how you have grouped these objects? What is the same and what is different?
5. Which materials are dull, and which are shiny?
6. Which materials are waterproof, and which are not waterproof? etc

***Key Vocabulary***

**material:** a material is what an object is made from

**object:** a thing that can be used, for example, a chair, table, car and door are all objects

**hard:** not easily broken or bent

**soft:** easy to cut, fold or change the shape of

**rough:** feels and looks uneven or bumpy

**smooth:** objects that have no lumps or bumps

**bendy:** things that can be bent easily into a curved or folded shape

**not bendy:** can’t be bent easily into a curved or folded shape

**opaque:** opaque objects cannot be seen through

**transparent:** transparent objects can be seen through

**stretchy:** can be pulled to make it longer or widerwithout breaking