

The World We Live In Y6

The Changing Face of Our World



Geography: I can use an Ordnance Survey map and tell you why and when I would use one. I understand how humans impact on the natural environment, I can understand how our world is changing. I know that humans affect global warming. I can find coasts on OS maps. I can sequence how changes which happen over time impact our coasts and sea levels.

I can name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time.

I can use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build my knowledge of the United Kingdom and the wider world.

I can understand and use a widening range of geographical terms such as urban, rural, land use, sustainability, tributary, trade links.

Knowledge

I can use an Ordnance Survey map and tell you why and when I would use one

I understand how humans impact on the natural environment, I can understand how our world is changing.

I know that humans affect global warming.

I can find coasts on OS maps.

I know how to evaluate ways to join materials using my own criteria.

I know how to produce technical drawings using side view, birds eye view and to scale.

I know how to use a range of tools safely (saws, glue guns)

I know how to evaluate my design

British values

Rule of law - knowing what is right and wrong,

Vocab

Global warming, climate change, rising sea levels, pollution, environment, grid references, pulley, drive belt, gear, rotation, spindle, driver, follower, ratio, transmit, axle, motor circuit, switch, circuit diagram, annotated drawings, exploded diagrams
mechanical system, electrical system, input, process, output, design decisions, functionality, innovation, authentic, user, purpose, design specification, design brief.

DT: I know how to evaluate ways to join materials using my own criteria.

I know how to produce technical drawings. Challenge side view, birds eye view and to scale.

I know how to use a range of tools safely (saws, glue guns)

I know how to evaluate my design

Generate, develop, model and communicate his/her ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design
Apply his/her knowledge of materials and techniques to refine and rework his/her product to improve its functional properties and aesthetic qualities
Use technical knowledge accurate skills to problem solve during the making process
Use a wide range of methods to strengthen, stiffen and reinforce complex structures and can use them accurately and appropriately

Computing: I can use and answer lines of enquiry using a pre-made database.

I can use a database that contains information about the changes in world temperature to find the answers to questions.