

ELG
Observe and draw the natural world
Similarities and differences in the natural world
Process and changes in the natural world

Reception	
Explore natural world	Look closely at similarities and differences
Name and describe familiar plants and animals	Participate in guided investigations
Talk about why things happen	Ask and respond to questions
Predict what might happen and explain why	Talk about observable changes
Record findings	Record ideas and observations

N2
Interested to explore new experiences
Talks about what they see
Describe life cycles

# Science - Chemistry Curriculum Pathway

Secondary School

Dissolving, Mixing and Reversible Change



Separating Mixtures



Changes Resulting in the Formation of New Materials

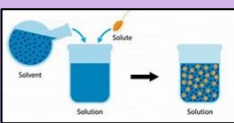


Comparative and Fair Testing of Everyday Materials



UKS2  
Year 5  
& 6

Solutions



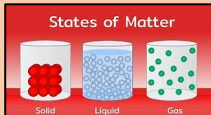
Evaporation and condensations



Changes When Materials are Heated and Cooled



Solids, Liquid and Gases



Rocks



Formation of Fossils



Soils



LKS2  
Year 3  
& 4

Changing the Shape of Solids



Identify and Name Materials



Suitability of Materials of Particular Uses



Physical Properties of Materials



Compare and Group Materials



KS1  
Year 1  
& 2

EYFS

Reception

Explore natural world

Talk about why things happen

Predict what might happen and explain why

Record findings

Look closely at similarities and differences

Participate in guided investigations

Ask and respond to questions

Talk about observable changes

Record ideas and observations

N2

Interested to explore new experiences

Talks about what they see

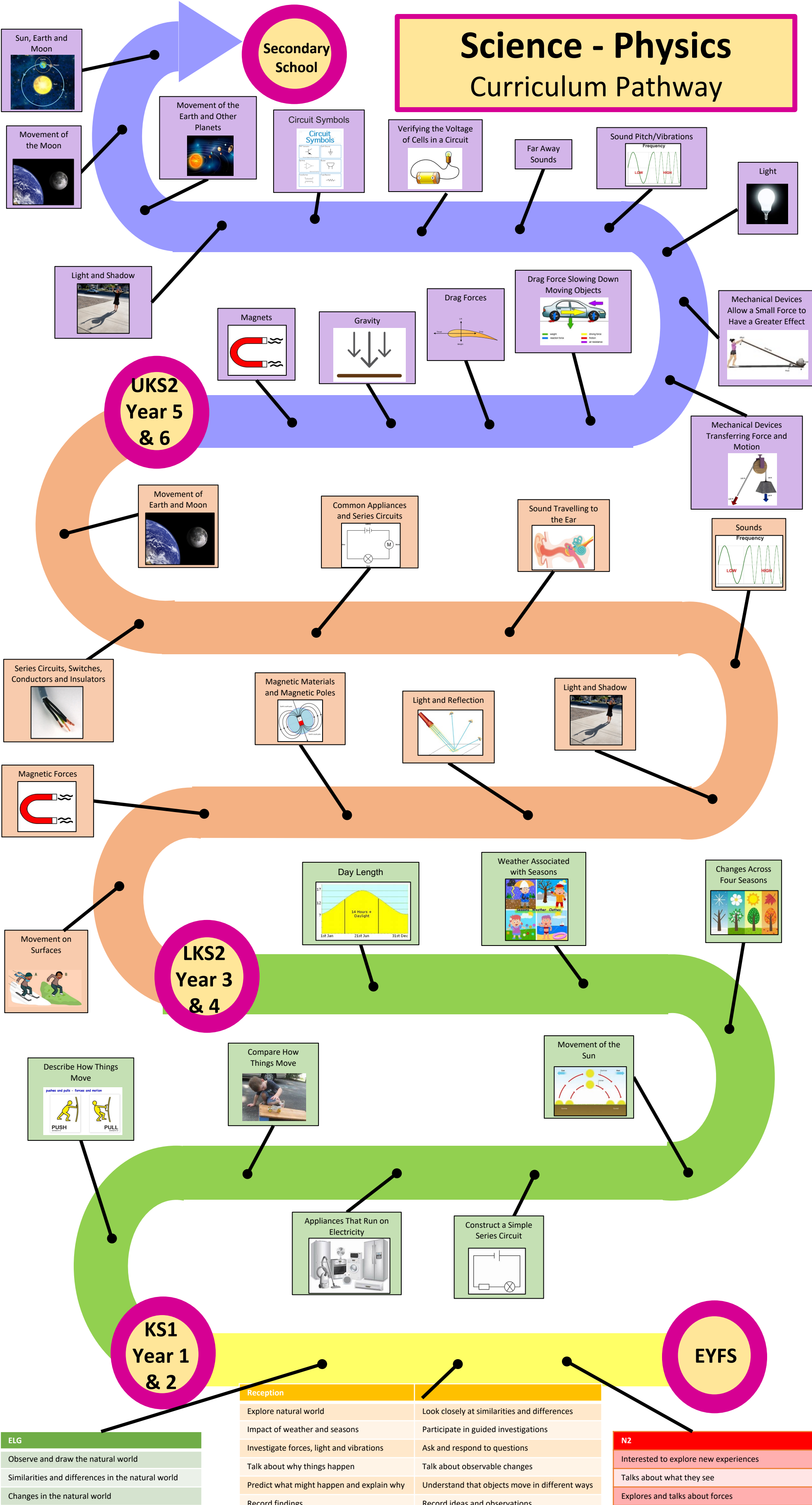
Identify differences between some materials

ELG

Observe and draw the natural world

Similarities and differences in the natural world

Changes in the natural world



Sun, Earth and Moon



Movement of the Moon

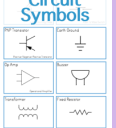


Movement of the Earth and Other Planets

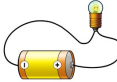


Circuit Symbols

Circuit Symbols



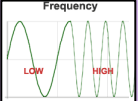
Verifying the Voltage of Cells in a Circuit



Far Away Sounds

Sound Pitch/Vibrations

Frequency



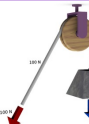
Light



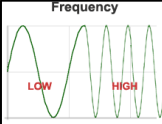
Mechanical Devices Allow a Small Force to Have a Greater Effect



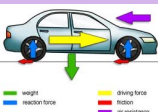
Mechanical Devices Transferring Force and Motion



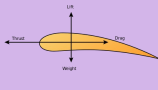
Sounds Frequency



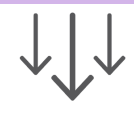
Drag Force Slowing Down Moving Objects



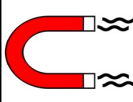
Drag Forces



Gravity



Magnets

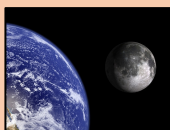


Light and Shadow

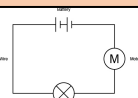


UKS2  
Year 5  
& 6


Movement of Earth and Moon




Common Appliances and Series Circuits



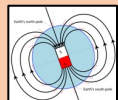
Sound Travelling to the Ear



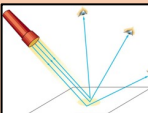
Series Circuits, Switches, Conductors and Insulators



Magnetic Materials and Magnetic Poles



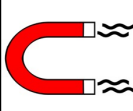
Light and Reflection



Light and Shadow



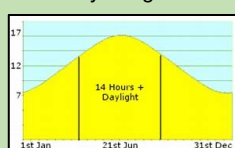
Magnetic Forces



Movement on Surfaces



Day Length



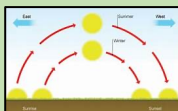
Weather Associated with Seasons



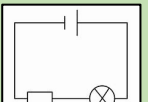
Changes Across Four Seasons



Movement of the Sun




Construct a Simple Series Circuit



Appliances That Run on Electricity

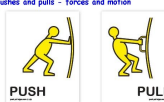


Compare How Things Move



Describe How Things Move

pushes and pulls – forces and motion



ELG
Observe and draw the natural world
Similarities and differences in the natural world
Changes in the natural world

Reception	
Explore natural world	Look closely at similarities and differences
Impact of weather and seasons	Participate in guided investigations
Investigate forces, light and vibrations	Ask and respond to questions
Talk about why things happen	Talk about observable changes
Predict what might happen and explain why	Understand that objects move in different ways
Record findings	Record ideas and observations

N2
Interested to explore new experiences
Talks about what they see
Explores and talks about forces