



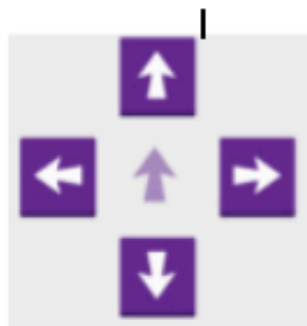
NCCCE Unit 3

Robot Algorithms

Programming a Moving Robot.

CPS Knowledge Organiser – YEAR 1

Computing – Autumn Term 2



Key Vocabulary



Algorithm- A step-by-step set of instructions used to solve a problem or achieve an objective.



Debug- To find and remove errors from computer hardware or software.



Instructions- Detailed information about how something should be done or operated.



Program- An algorithm that has been coded into something that can be run by a machine, e.g., a computer or a robot.



Command- An action such as left command.



Route- A path an object or thing takes to get somewhere.



Food- Making Fruit Kebabs

CPS Knowledge Organiser – Year 1 – DT – Autumn 2



Research Researching and finding out information by looking at examples of products that exist.

Design Plan your own product.

Make Make your own product.

Evaluate What went well?
What could you do better next time

Key vocabulary



Fruit- A part of a flowering plant that has seeds.



Nutrients- All the things in food that our body needs to keep us strong and healthy.



Kebab- Fruit or vegetable on a skewer.



Kitchen Utensils- Tool or machine used to prepare food e.g. knife and peeler.



Hygiene- Keeping things clean and tidy to stop germs spreading and making us ill.




Evaluate- Thinking about what has gone well and we could do better next time.





Dinosaurs





Key Vocabulary


 **Dinosaurs:** Prehistoric reptiles that lived on Earth from about 228 million years ago.

 **Prehistoric:** Long before people appeared on Earth, other forms of life existed.

 **Species:** A group of living things.

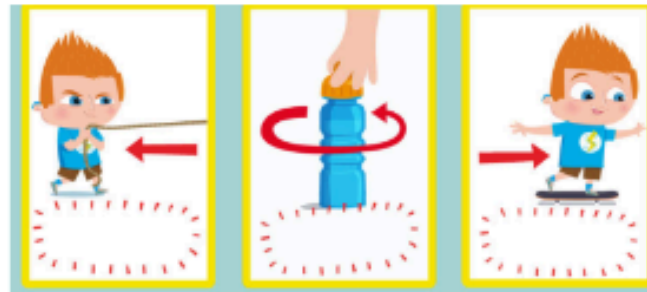
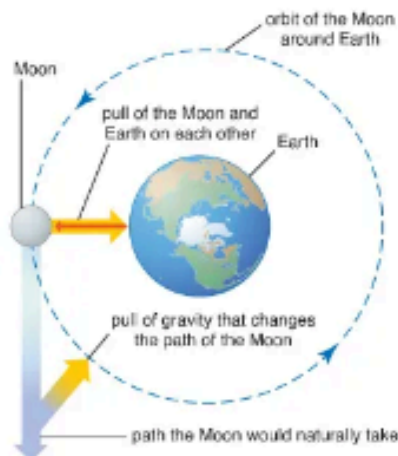
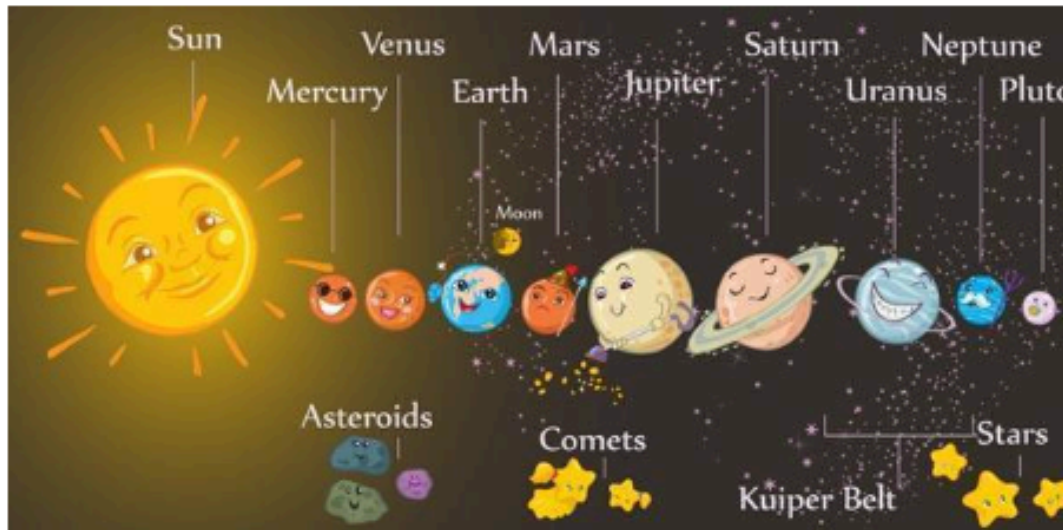
 **Extinct:** No longer existing.

 **Fossil:** The remains or traces of plants and animals that lived long ago.

 **Mary Anning:** A famous fossil hunter and collector from England (born in 1799). She found and identified many prehistoric fossils from the time of the dinosaurs.



Forces & Space



Pull

Twist

Push



Key Vocabulary



Force: A push, pull, twist or turn.



Movement: The different ways of moving, for example- **twist, spin, swing, slide, jump, turn.**



Push and Pull: I can make something move by **pushing** or **pulling**.



Direction: The way something is moving.



Distance: How far something moves.



Gravity: The force that attracts a body towards the centre of the earth.

Matter: Anything that takes up space is matter (air, rocks, water, etc).



Centre: In the middle.



Planet: Large natural objects that orbit, or travel around, stars.



Theme: The Christmas Story

Key Question: What gifts might Christians in my town have given Jesus if he had been born here rather than in Bethlehem?

CPS Knowledge Organiser - YEAR 1 – RE – Autumn 2



Bethlehem - a small town 8 km (5 miles) south of Jerusalem.

This is where Jesus was born in the Christian story.



Key Vocabulary



God- (in Christianity and some other religions) the creator and ruler of the universe.



Jesus- the teacher and prophet who started the Christian faith. Believed to be the son of God by Christians.



Earth- the planet on which we live.



Nativity- the story of the birth of Jesus.



Bethlehem – a small town in Israel.



Frankincense- a fragrant resin used in incense. A gift given to baby Jesus by one of the Three Wise Men.



Myrrh- a fragrant gum used in perfumes or incense. A gift given to baby Jesus by one of the Three Wise Men.



Gold- a very precious metal. A gift given to baby Jesus by one of the Three Wise



Innkeeper- a person who runs an Inn (a place providing accommodation).





Celebrating Differences

CPS Knowledge Organiser – YEAR 1

PSHE- Jigsaw – Autumn Term 2



Key Vocabulary

- Similar-** Alike but not identical.
- Same-** Someone or something that is exactly like.
- Different-** not being alike.
- Deliberate/on purpose-** Something done intentionally.
- Unfair-** Not fair or honest.
- Kind-** Friendly and nice.
- Unkind-** Unfriendly and not nice.
- Special-** Different from others of the same kind.
- Unique-** Being the only one of a particular type.