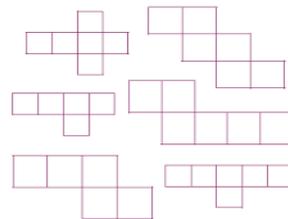


Knowledge Based Organiser
Year 3- Mini Greenhouses- Autumn 2

Vocabulary	Word definition
hard	something that is solid and is not easily broken or bent.
weak	likely to break or fail under strain or pressure; not sturdy.
vertex	the corners of a solid geometric shape, where edges meet.
scoring	cutting a line or mark into sheet material to make it easier to fold.
transparent	a material that lets light pass through it so that you can see through the material easily.
prism	a solid geometric shape with ends that are similar, equal and parallel.
shell structure	a structure that has a solid, thin outer surface, that can be curved or flat, with a hollow interior.
stable	fixed, firm, or steady in position, not shaky or easily moved.
net	the flat or opened-out shape of an object such as a box.
material	matter or substance that objects are made from.
face	a surface of a geometric shape.
structure	a building or other object constructed from several parts.
construct	to build or make.

Questions:

1. What is a shell structure?
2. What is a vertex?
3. What equipment will you need to create a mini greenhouse?
4. Can you name an example of a shell structure?
5. How can you stiffen and strengthen your materials?
6. What are Greenhouses used for?

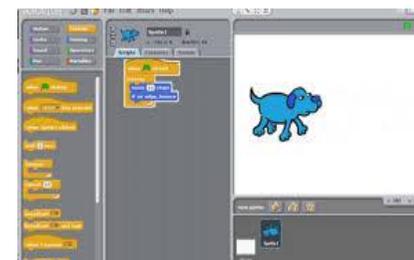
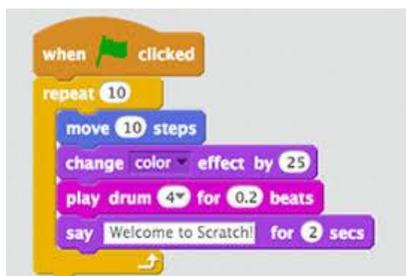


Knowledge Based Organiser
Year 3 – Design and Technology- Moving animals- Autumn 2

Vocabulary	Word definition
product	<i>the result of an action or process.</i>
design	<i>to plan your idea by drawing and labelling what the finished product will look like.</i>
movement	<i>an action or way of changing place or position</i>
algorithm	<i>a set of instructions designed to perform a specific task.</i>
input device	<i>a piece of equipment that is used to enter data into a computer. An example of an input device is a keyboard.</i>
output device	<i>a piece of computer equipment that turns data into a human readable form. An example of an output device is a printer or a bulb.</i>
sequence	<i>a group of things that come one after another.</i>
de-bug	<i>identify and remove errors.</i>
pivot	<i>a rod or pin from which another part rotates, swings or moves back and forth.</i>
lever	<i>a mechanism that moves around a fixed point which the lever can pivot, this makes things move in an arc or curve.</i>
mechanism	<i>different parts acting together to make an action take place.</i>

Questions:

1. Why is it important to design your product first?
2. How will you make your animal move?
3. What is an algorithm?
4. Name an output device.
5. What equipment do you need for this project?



Knowledge Based Organiser
Year 3- Cooking and nutrition- Summer 2

Vocabulary	Word definition
harvest	the process of gathering in crops.
balanced diet	a diet consisting of a variety of different types of food.
crops	a living plant that is grown on a large scale by farmers.
seasonality	the times of year when the harvest or the flavour of the food is at its best.
nutrition	the act or process of eating and using the nutrients in food for living and growing.
equipment	items needed for an activity or purpose.
ripe	developed to the point of readiness for harvesting and eating.
preparation	something done to get things ready for use.
fruit	the part of a plant that has seeds and flesh, most fruits are sweet and can be eaten raw.
vegetables	a plant or part of a plant that is used for food.
protein	a nutrient found in meats and other foods which helps the body grow and repair itself.
carbohydrates	A nutrient made by plants that is used in the body to make and store energy.
dairy	a nutrient made from milk or having to do with milk products, which helps bones and teeth to grow.
fats	a nutrient found in some parts of animals or plants that helps to keep the body warm.
traditional dish	foods and dishes that are passed through generations or which have been eaten by people for many generations.

Questions:

1. What does the word seasonality mean?
2. Can you name a traditional dish of England?
3. Why is it good for the planet to eat food that is in season?
4. Why is it important to always wash your hands before preparing food?
5. Name a food that is in season in the UK in July
6. What does the word ripe mean?

