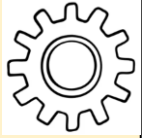


Computing Sticky Knowledge - Branching Databases



- A branching database is a tool used to classify objects or organisms by asking a series of yes/no questions.
- Two objects can be separated by comparing their attributes.
- A branching database is compared to an upside-down tree because of the way the branches split.
- Each question needs to split into roughly equal sized groups.
- Branching databases can be physical or digital.
- Branching databases can be used as identification tools.

Science Sticky Knowledge - Light



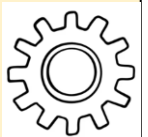
- We need light to be able to see things.
- Light travels in a straight line.
- When light hits an object, it is reflected (bounces off). If the reflected light hits our eyes, we can see the object.
- Some surfaces and materials reflect light well. Other materials do not reflect light well.
- Reflective surfaces and materials can be very useful.
- Looking at the Sun can be dangerous.

Art Sticky Knowledge - Egyptian Art



- A pharaoh is an ancient Egyptian ruler.
- Hieroglyphics are a system of writing from Ancient Egypt that use over 700 pictures and symbols instead of letters.
- A sculpture is a three-dimensional visual art form created through carving, modelling, casting, or constructing materials like stone, metal, clay, and wood.
- Clay is a fine-grained, natural, earthy material formed from weathered rock. It is characterized by its plasticity when wet—meaning it can be moulded.
- A square-based pyramid has 5 faces, 5 vertices and 8 edges.
- Collage is when you use sticking various material to paper in art work.
- Dimensions are the measurable size of an art object, including its width, height, and in some cases, depth.

History Sticky Knowledge - Ancient Egypt



- Ancient Egyptian society is made up of 8 parts from slaves, peasants, craftsmen, merchants, scribes, government officials and the Pharaoh
- 4 important parts of ancient Egyptian life are Farming, Markets, Religion and Music
- Mummified objects are dried with salt and placed in containers
- Egyptian seasons - Akhet, Shemu and Peret. Farming takes place on the River Nile.
- Bartering is swapping possessions in a market place.
- Gods include Ra, Bastet, Shu, Anubis and Osiris
- Hall of truths is what happens to you in the afterlife
- Hieroglyphics are Egyptian writing
- Pharaoh – The King or Queen of Egypt are buried in tombs
- Howard Carter is the discoverer of the tomb of Tutankhamen

World Views Sticky Knowledge – Hinduism



- Hinduism is one of the oldest religions in the world.
- People who follow Hinduism are called Hindus.
- Hindus believe in one supreme spirit (Brahman), but worship in many different ways.
- Many Hindus pray every day, often at home or in a temple (mandir).
- They try to live a good life by following dharma (doing the right thing).
- Hindus believe in karma – good actions bring good results.
- Many show commitment by being kind, honest, and respectful.
- Some Hindus are vegetarian because they believe in ahimsa (not harming living things).
- Hindus celebrate festivals like Diwali, the festival of light, which celebrates good over evil.
- Families may have a shrine at home with images of gods like Ganesha or Lakshmi.
- People may visit a mandir (temple) to pray and make offerings also for important life events (like birth or marriage).