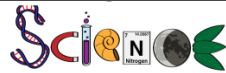


# B.S.I.

(BERKELEY SCENE INVESTIGATORS!)

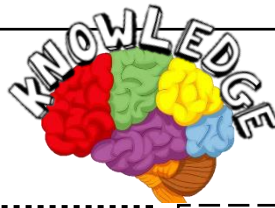


Understand the process of reproduction and the changes that happen during puberty.

I know how a baby changes physically as it grows

I know the changes that take place in boys and girls during puberty.

know how adults are able to reproduce.



I know modelling is a process of sculpting which is usually made using mouldable materials like wax or clay.

I know if a mistake is made during modelling, it can be scraped out, smoothed down and started again.

I know form is the main feature of sculpture.

I know sculpture has been central in religious devotion in many cultures.



I know songs from memory, who wrote them, when written and why if possible.

I know how to talk about some songs: lyrics, meaning, identifying sections, naming instruments, historical context.

I know how pulse, rhythm, pitch, tempo, dynamics, texture and structure work together and how they connect in a song.



I know how Christians show their commitment to God and to evaluate if there is a best way.

I know that Edward Jenner created the first ever vaccine

I know that Edward Jenner created and worked on the smallpox vaccine in Berkeley

I know that Edward Jenner's vaccine was the first of its type

I know that small Smallpox was eradicated in the 1980's



To know that 2D design can form to make a 3D model



I know how to swim freestyle and breathe correctly for a length of the pool.

I know how to swim using backstroke for a length of a pool.

I know how to swim using breaststroke for a length of a pool.

I know how to treat hypothermia in/out of the water.

I know how to perform a safe self-rescue.



I know how to swim competently, confidently proficiently over a distance of at least 20 metres.

I know how to say the date when presented with options.

I know the months of the year.

I know how to say my birthday.



I know that the national grid is a system used to split Great Britain into 100km squares.

I know that grid references are numbered squares on a map used to locate a place.

I know that using the 8 points of a compass, 4 and 6 figure grid references and symbols allow knowledge to be built of the UK and wider world.



I know how to compare different types of friendships and the feelings associated with them.

I know how to explain how to stay safe when using technology to communicate with my friends, including how to stand up for myself, negotiate and to resist peer pressure.

I know how to apply strategies to manage my feelings and the pressures I may face to use technology in ways that may be risky or cause harm to myself or others.

And see science knowledge points too.



I know how to develop a range of practical skills to create products.

I know how to make products through stages of prototypes, making continual refinements.