

# B.S.I.

(BERKELEY SCENE INVESTIGATORS!)

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.



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 and proficiently over a distance of at least 20 metres.



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.

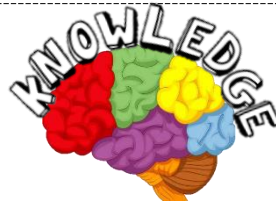


I know that the national grid is a system used to split Great Britain into 100km squares.

I know that Ordnance Survey maps where each squares represents 1km squared.

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 a baby changes physically as it grows.

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

I know how adults are able to reproduce.

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 selection can be used to branch the flow of a program.

I know that a loop can be used to repeatedly check whether a condition has been met.

I know that a count-controlled loop contains a condition.



I can explain how boys and girls change during puberty and why looking after myself physically and emotionally is important. I can also summarise the process of conception.

I can express how I feel about the changes that will happen to me during puberty, and that I accept these changes might happen at different times to my friends.



I know what a prototype is a small model of the finished version out of cheaper materials to check measurements and structural integrity.

I know how to use annotated sketches, cross sectional drawings and exploded diagrams to develop and communicate ideas.

I know what a cross-sectional drawing looks like.

I know how to accurately measure, mark out, cut and shape materials and components.

I know how to demonstrate resourcefulness when tackling practical problems.

I know an electrical circuit includes a device that gives energy to the charges particles constituting the current, such as a battery or a generator.



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

