



Golden Nugget Thumbnails

Knowing more....remembering more....connecting learning



Golden Nuggets
Year 4
Autumn Term 2

A cartoon character with a long white beard, wearing a brown hat and a green shirt, holding a pickaxe and a small golden nugget.

Science *To know how sound works*

To know that sound travels through vibrations.

To know the ear is made up of numerous parts. Some examples are: the anvil, the hammer and the ear drum.

To know that volume is how loud something is and pitch is how high something is.

To know that volume is quieter the further away you travel because sound waves are spread further apart.

Design & Technology *Mechanical systems: Pop-up books*

To know that a slider mechanism is a rigid bar that moves forwards and backwards along a straight

To know how to measure (to the nearest mm), mark out (vertical line pencil line) and cut accurately

To know that cardboard can be strengthened by folding and layering

To know a range of ways that cardboard can be joined

To know that scoring card ensures that it folds accurately

Art *To know the achievement and legacies of Holbein*

To know that Holbein is the famous Renaissance artist who painted Henry VIII's wives.

To know how to mix red, blue and yellow in varying proportions to create skin tones.

To know that Holbein was born in 1597 and died in 1643.

To know that Holbein was part of the Renaissance movement.

To know that Egg tempera is made from eggs, water and pigment.

Geography

To name and locate counties and cities of the United Kingdom, and their identifying human and physical characteristics .

To know that the capital city of England is London, Wales is Cardiff, Scotland is Edinburgh and Northern Ireland is Belfast.

To know that the following seas surround Great Britain -The Atlantic Ocean, The North Sea, The Irish Sea, The English Channel.

To know that the River Severn runs through Shrewsbury, Worcester and Gloucester.

To know that the counties that border Worcestershire are: Herefordshire, Shropshire, Staffordshire, West Midlands, Warwickshire, Gloucestershire.

To know the position of the counties that border Worcestershire. E.g. Herefordshire is West.

PSHE

To understand a range of feelings in different relationships

To know what a personal boundary is.

To know that everyone has the right to privacy.

To name some different types of relationships e.g. friends, family members, acquaintances.

To know some ways a relationship could be unhealthy and name someone they could talk to if they were worried.

PE

To know how to control movement including balance.

To know that a dynamic balance is the ability to maintain balance and control of the body whilst moving.

To know that stillness, tension, control and coordination are all needed to perform a balance successfully.

To know that the position of your hands and grip on the stick changes depending on how far you want to hit the ball.

French

To know how to use basic verbs in the present tense to describe the weather.

To know cardinal points to say what the weather is like in different areas.

To know what the 4 seasons are.

To know written words of multiples of ten to 100.

To know connective words and use them.

To know some countries and say what the weather is like there.

RE

Religious Education: To know what it is like for Christians to follow God

To know that the Bible is organised into books and each book has chapters and verses.

To know that the Old Testament tells the story of a particular group of people, the Children of Israel known as the People of God and their relationship with God.

To know that the People of God try to live their lives in the way God wants, following his commands and worshipping him..

To know that the word 'covenant' means an agreement or pact where promises are made.

Music

To listen and appraise music from all cultures.

To know the names of different musical notes including crotchet, quavers, semi-quavers and minims.

To know there are two beats in a minim.

To know that tempo refers to the speed which music is played.

To know that Scott Joplin is a composer who wrote the entertainer.

To know that the Renaissance, Medieval and Baroque are all musical eras.