



# Golden Nugget Thumbnails

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



## Science Electricity

To know how to assemble wires, a battery and a bulb or buzzer to create a working circuit.

To know that a battery is a source of energy which provides a push (a voltage) of energy to get the current flowing in a circuit.

To know that a bulb uses the electrical energy provided by the battery.

To know that conductors are substances that an electric charge can pass through without difficulty.

To know that insulating materials do not allow electricity to pass through them. Electrical insulators include materials such as glass and wood.

## Geography Volcanoes

To know that the **crust** (18 miles thick) is the outer layer of the earth, the **mantle** (1,800 miles thick) is the second layer, and the **core** is the inner layer of the earth.

To know that a volcano is a rupture in the crust of the earth that allows hot lava, volcanic ash, and gases to escape.

To know that a volcano can be active, dormant, or extinct and that to live by a dormant volcano risks, lives, homes, livestock, and income.

To know that India has 7 named volcanoes and that The Barren Island volcano is the only one that is active.

## Art Sculpture and artist study

To know that the artist James McCarthy is a surrealist landscape painter.

To know how to layer collage materials to a drawing to enhance a piece of art.

To know the following terms when working with clay; wedging, kneading, pinch, score and slip.

## PE

*To know how to develop ball skills*

To know that arm, leg and body movements must be co-ordinated in order to perform a recognised stroke.

To know and abide by basic safety rules when poolside.

To know that different passes can be used depending on the distance thrown. E.g. a shoulder pass can be used for long distances.

To know how to send a receive a ball in space.

To know how to maintain a stable base with or without the ball.

## French

To know items of clothing with correct gender and article (le, la, les)

To know how to use the present tense to say I am wearing. (Je porte).

To know the correct word order with colours. (une robe rouge)

To know how to apply adjectival agreement rule in sentences according to the gender and plurality of the noun. (des baskets noirs)

## RE

*To know what it is like for Christians to follow God*

To know that Christians see Holy Week as the culmination of Jesus' earthly life, leading to his death and Resurrection.

To know the various events of Holy Week, such as the Last Supper, were important in showing the disciples what Jesus came to earth to do.

To know that Christians today trust that Jesus really did rise from the dead, and so is still alive today.

To know that Christians remember and celebrate Jesus' last week, death and resurrection.

## PSHE

*Mental health*

To know how to deal with change.

To know there are a range of emotions.

To know what mental wellbeing is.

To know what a respectful relationship is.

To know how to manage a situation with dares and how to keep yourself safe.



## Music

To know that the interrelated dimensions of music are: Timbre, Pitch, Texture, Tempo, Duration, Structure and Dynamics.

To know the duration of the notes: crotchet (1 beat), quaver ( $\frac{1}{2}$  beat) and semiquaver ( $\frac{1}{4}$  beat)

To know that Stormzy is a British Rap artist. Rap music originated in New York City in the early 1970s. In rap the words are not sung but are spoken or chanted in a rapid, rhythmic way over a backing beat or musical accompaniment.