



# Golden Nugget Thumbnails

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



## Science

*Evolution and inheritance.*

- To know that evolution is the process by which living things can gradually change over time.
- To know how humans and their features have evolved over time.
- To know that we inherit characteristics from our parents.
- To know that adaptation is a very gradual process which happens within a population rather than to an individual.

## RE

*Why do Hindus want to be good?*

- To know that Hindus believe in re-incarnation and call the process Samsara. It is the cycle of life, death and re-birth.
- To know that Hindus believe in Karma which is the law of cause and effect and how actions can result in good or bad Karma.
- To know that Hindus believe that reaching Moksha through good deeds is the ultimate aim.
- To know that Gandhi is regarded by Hindus as a notable figure whose life had a positive impact on society.

## DT

*Textiles - Doorstops*

- To know that fabric is made of thin fibres woven together.
- To know that as well as being flexible, fabrics can have a number of properties such as: stretchy, stiff, absorbent, waterproof, semi opaque, opaque, slippery, high friction.
- To know that the properties of a fabric affect the functionality of the finished product.
- To know how to create a paper template, cut out fabric and use a variety of joining techniques.
- To know that Two Blind Brothers is a clothing company that employs visually impaired people and raises money for research into blindness.

## History

*What was it like to live through a period of change?*

- To know that WWII lasted from 1939 to 1945.
- To know that axis countries included Germany, Italy and Japan; that allied countries included the UK, the USA and Russia; and that neutral countries included Spain and Switzerland.
- To know the names of these key leaders -UK: Neville Chamberlain/Winston Churchill; USA: Franklin D Roosevelt; Russia: Joseph Stalin; Italy: Benito Mussolini; Germany: Adolf Hitler.
- To know that life on the Homefront changed with the inclusion of rationing; women working in factories and on farms; evacuation; the Blitz; and men going off to war.
- To know that propaganda was used by the Government to persuade people to think and act in a certain way - for example 'Dig For Victory' and 'Make Do And Mend.'

## Computing

*Company Launch*

- To know a spreadsheet holds data.
- To know formulas can be used to produce calculated data.
- To know how to find, search and sort data in a spreadsheet.
- To know how to use simple formulas in a spreadsheet.
- To know how to create a prototype app.

## PE

*Gymnastics/Outdoor Games*

- To know that counterbalance and counter tension are achieved by pushing and pulling when supporting a partner's weight.
- To know that good core strength and stability is needed to perform balances with control.
- To know, understand and follow the rules associated with small, sided games.
- To know how to implement and adapt tactics in small, sided games in order to beat an opponent.

## French

*Food*

- To know breakfast items and how to order them.
- To know how to read from a French menu.
- To know words for traditional meals in France.
- To know how to order food from a French menu.

## PSHE

*Drugs and the law*

- To know the criminal age of responsibility is 10.
- To know that a drug is any substance that, when taken, has the effect of changing how a person's body works and/or how a person acts, feels, sees or thinks.
- To know that there are legal and illegal drugs.
- To be able to name some reasons why some people choose to take/not to take illegal drugs.

## Music

*African music and British Cultural songs*

- To know that there are 6 genres of music (Medieval, Renaissance, Baroque, Classical, Romantic and 20th Century).
- To know that the 7 elements of music are: timbre, pitch, texture, tempo, duration, structure and dynamics.
- To know that an anthem represents the idea of a group of people and should make the person feel proud and united.
- To know that djembe, cahan, mbira and shekere are African instruments.
- To know that each country's music has evolved and that they would have used locally gathered resources to produce the instruments which affects the sound quality.