



# Sticky Knowledge Thumbnails

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



**Golden Nuggets**  
Year 5  
Spring term 2

A yellow rounded rectangle containing a cartoon character of a bearded man in a hat holding a nugget, and the text 'Golden Nuggets Year 5 Spring term 2' surrounded by starburst effects.

## Computing

- To know how technology has changed over time.
- To understand the positive and potentially negative impact technological changes have had on society.
- To know who Alan Turing is and the impact he had in the invention of the Colossus machine.
- To know the key advancements in computing over the last century.

## PSHE

Understand the importance why we have rules and laws, that different rules and laws apply and are enforced in different places and in different situations.

- To know why we have rules and laws
- To know that different rules and laws apply in different places and in different situations.
- To know how laws are made
- To know how to campaign for a law to be created
- To know how the rules and laws in our country are enforced

## RE

GOD: What does it mean for Christians to believe that God is Holy and Loving?

- To know Christians believe God is holy and loving and give examples from a Psalm or Bible verse e.g. Psalm 103
- To know that Christian worship songs both traditional and modern emphasise the belief that God is holy and loving.
- To know the architecture of medieval cathedrals expresses the idea that God is holy. Worcester Cathedral was built in a cross shape and with symmetry to reflect perfection.
- To know that many people do not believe in God.

## Science



## Materials

- Know that some substances dissolve when you mix them with water.
- Know that when a substance dissolves, it might look like it has disappeared, but it has mixed with the water to make a transparent (see-through) liquid called a solution.
- Know that a change is called irreversible if it cannot be changed back again.
- Know that changes can be made by mixing, heating burning.
- Know that a reversible change is a change that can be undone or reversed.
- Know that a reversible change might change how a material looks or feels, but it doesn't create new materials.
- Know that examples of reversible reactions include dissolving, evaporation, melting and freezing.

## Art

## Drawing and Artist Study

- To know that Gareth Reid is a contemporary portrait artist
- To be able to comment upon sketching techniques used and materials selected within portrait work
- To be able to use a grid to develop proportion when drawing portraits.

## Geography

## Rivers and Maps

### Locational Knowledge & Mapping

- To understand that you can locate places and landmarks using 4 and 6 figure grid references.

## French

- Know items of clothing with correct gender and article (le, la, les)
- Know how to use the present tense to say I am wearing. (Je porte).
- Know the correct word order with colours. (une robe rouge)
- Know how to apply adjectival agreement rule in sentences according to the gender and plurality of the noun. (des baskets noirs)