



# Golden Nugget Thumbnails

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



**Golden Nuggets**  
Year 3  
Spring 2



Science

*Plants*

Know that a plant's roots sit below the soil and the stem grows above it.

Know that the stem carries water and nutrients to different parts of the plant. It also provides support and keeps the plant standing upright.

Know that leaves make food for the plant using sunlight and carbon dioxide from the air. ☐

Know that some plants have flowers. These are involved in reproduction and produce seeds from which new plants grow.



French

*To know phrases in French.*

Know how to use There is (il y a) to recall animals.

Know how to use correct article according gender (le, la, les)

Know the correct article whether it is plural or singular. (les)

Know colours

Know the word order in sentences using colours. (Le chien noir)

Know how to use numbers to say how many animals there are. (Il y a trois chiens).

DT

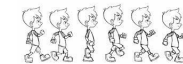
*Animation using Stop Motion*

To know that computer modelling can be used to simulate the frame by frame movement of a figure.

To know that there are many ways many to animate including 2D animation (cartoons), 3D animation (CGI graphics), stop-motion animation (flick books) and to discuss examples

To know that animation requires many skills including storyboarding, character and prop design and creation and recording and editing skills

To know that Nick Park is an animator who created Wallace and Gromit



## History

### *Romans and Vikings*

Know that many of the people in Britain who lived under Roman rule were called Celts.

Know that the Vikings were invited to Britain which helped them to successfully invade Britain and they wanted to invade because they wanted to find a new place to settle and farm.



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## Computing

*To know about creating sequences in a blockbased programming language to making music.*

To know decomposition is breaking down problems into smaller parts. Algorithms

To know how to change sprites and backgrounds in Scratch.

To explain that the order of commands can affect the outcome.

To create a sequence of commands.

To know there are different computing languages.

## PE

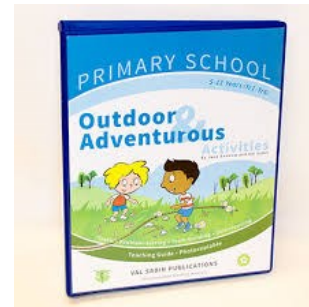
### *Outdoor Adventurous Activities Stone Age Dance*

Know that a motif is a single movement or short phrase which expresses the style or theme of the dance and that they can be repeated to create a sequence.

Know that characterisation is an important part of storytelling in dance.

Know that effective communication and good listening skills lead to positive teamwork.

Know how to use the strengths of individuals within a group in order to problem solve.



## PSHE

### *Keeping Safe Online*

Know why video games and social media have age restrictions.

Know which games are safe and appropriate.

Know that social media platforms can damage our mental health.



## RE

### *CREATION - What do Christians learn from the creation story?*

Know that Christians believe God the Creator cares for the creation, including human beings.

Know that Christians believe that as human beings are part of God's good creation, they do best when they listen to God.

Know that the Bible shows that God wants to help people to be close to him and gives them guidelines on good ways to live (such as the Ten Commandments).

Know some ways Christians might pray to God and know some reasons why e.g., to say sorry, to forgive and ask for forgiveness.