



# St John Fisher RC Primary School

## Year Four Knowledge Organiser – Spring Term One – Design & Technology

### Things I will be taught

#### I know:

**Lesson 1** – How to recognise a Mosaic – an image creating with an assemblage of small pieces of coloured glass, stone, or other materials.

**Lesson 2**- How to discuss ideas around designing an appealing product for a purpose to sell during Enterprise Lesson- a mosaic coaster.

**Lesson 3** – How to create an annotated drawing of my own design inspired by Roman Mosaics, exploring colours and patterns.

**Lessons 4&5** – How to select appropriate tools and resources to make a Roman Mosaic coaster - How to make a mosaic coaster following an annotated drawing.

**Lesson 6** -How to evaluate my mosaic against design criteria on whether it meets the needs of the user.

### Key facts to remember

- Mosaics are an art form that uses small pieces of coloured glass, stone, or other materials to create beautiful pictures. In ancient Rome, mosaics were very popular and often decorated floors, walls, and buildings with scenes from nature, mythology, and everyday life.

### Key Vocabulary

<b>Coaster</b>	A flat surface to place a drink on to protect the furniture.
<b>Design</b>	A plan of the final product.
<b>Develop</b>	Create changes and adaptations to first product.
<b>Evaluate</b>	To determine the effectiveness of the product.
<b>Make</b>	Use the needed skills to produce the designed product.
<b>Prototype</b>	The first version of the product.
<b>Roman Mosaic</b>	A mosaic made in the Roman period.

### Design

#### Key Knowledge:

I need to research designs that will appeal to people during enterprise week. My design needs to be an appealing product. I should label my design with colours and patterns.



### Make

#### Key Knowledge:

I need to prepare the area I will be using to create my Roman Mosaic. I will be careful when I am using small tiles.



### Evaluate

#### Key Knowledge:

I need to evaluate my Roman Mosaic so that I can make it better next time. I need to make sure my Roman Mosaic meets the criteria I set out to meet at the beginning of my design. I will ask questions about my own skills and if they need to be improved.

