

Objective

By the end of this lesson, you will be able to understand and apply basic geometric concepts related to the Roman Empire.

Materials and Prep

- Paper
- Pencil

No prior knowledge is required for this lesson.

Activities

1. Activity 1: Roman City Planning

Imagine you are a Roman city planner. Use your knowledge of geometry to design a Roman city layout. Consider the use of squares, rectangles, and circles for different buildings and landmarks.

2. Activity 2: Roman Architecture

Research and find examples of famous Roman architecture, such as the Colosseum or the Pantheon. Identify the geometric shapes used in their construction. Draw and label these shapes, explaining how they contribute to the overall design and stability of the structure.

United Kingdom: Year 7 Talking Points

- "The Roman Empire was one of the most powerful and influential civilizations in history."
- "The Romans were known for their advanced engineering and architectural skills."
- "Geometry played a crucial role in Roman city planning and architecture."
- "Roman cities were often designed with a grid-like layout, using squares and rectangles."
- "The Romans also used circles in their architecture, such as in the design of the Colosseum."
- "Understanding geometry can help us appreciate the mathematical and structural achievements of the Roman Empire."