Canonbury Home Learning

Year 6 Maths

Developing/ Expected/ Greater depth activity

Lesson 2

LO: TBAT apply my knowledge of area to complete measurements.

Task: From this week your tasks will be different. We are now introducing a
project which needs to be completed alongside arithmetic and reasoning problems.

Success Criteria:

1. **Complete the addition reasoning problems.**
2. **Recap arithmetic methods.**
3. **Apply your knowledge to find the area of different shapes.**

Year 6 Maths

Main activity

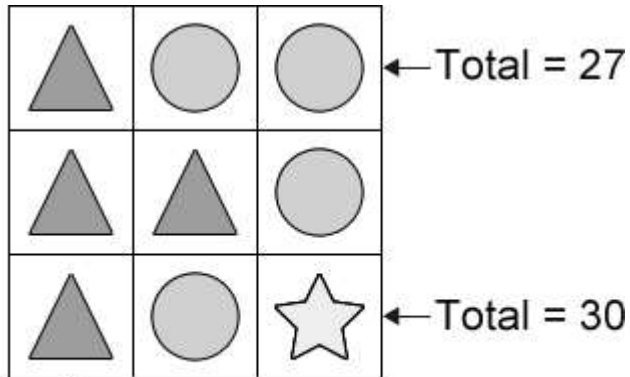| Task 1	Task 2	Task 3
Problem solving	**Arithmetic**	**Project**

Task 1

Problem solving

1. Mr Tyler is 1.97 m tall.
   His young daughter is 83 cm tall.
   What is the **difference** in their heights, **to the nearest 10 cm**?

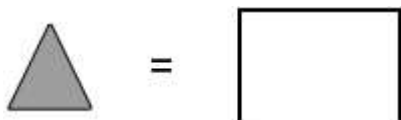2. Write the missing numbers in the sequence

   | | 6,742,000 | 6,842,010 | 6,942,020 | |

3. Each shape stands for a number.

   Total = 27
   Total = 30
   Total = 45

   Work out the **value** of each shape.

   △ =

Task 2

Arithmetic

8. $3057 - 100 =$

9. $6^2 =$

10. $\frac{1}{9}$ of $27 =$

11. $0.75 = \frac{?}{4}$

12. $30.4 + 59.8 =$

13. $1492 - 605 =$

14. $0.84 = ?\%$

Task 3
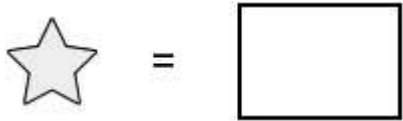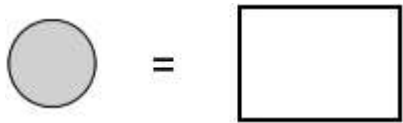
Project

Building Mr and Mrs Smith's House!
Find the area of each room and decide on the type of flooring to use.

Copy the table and complete in your book to help you

⇨ Hardwood floors cost £17.50 per $1m^2$
⇨ Tile floors cost £12.30 per $1m^2$
⇨ Carpet floors cost £7.90 per $1m^2$

Room	Area	Floor Type	Floor cost per $1m^2$	Floor cost for the room
			Total:	

⬤ = [ ]

☆ = [ ]

4. Here is a number pyramid.

   The number in a box is the **sum** of the two numbers below it.

   Write the missing numbers.

	500,000	
	290,000	
200,000	90,000	