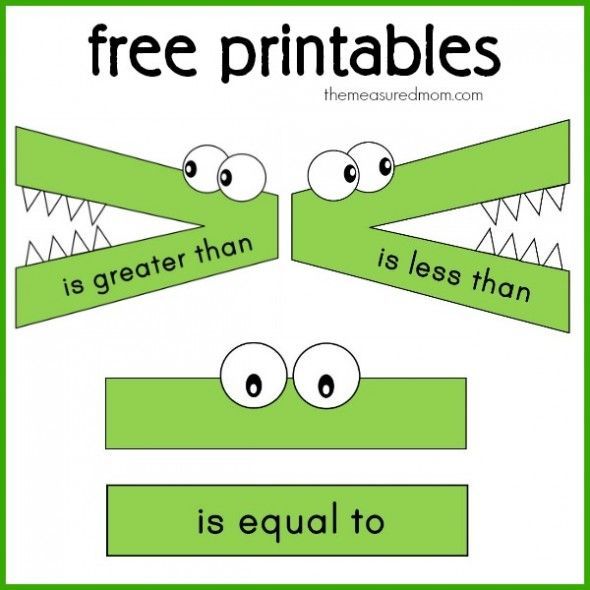
**Year 6 Maths  
Developing activity**

**Lesson 3  
LO: TBAT compare and order negative numbers.  
Success Criteria:**

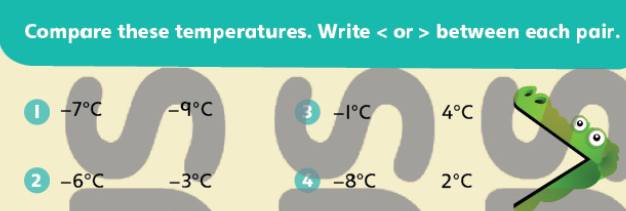
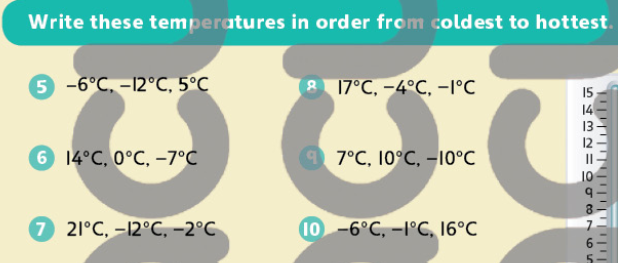
|  |
| --- |
| 1. **Choose a temperature.** |
| 1. **Check where it is on the interactive thermometer.** |
| 1. **Compare the 2 temperatures.** |
| 1. **Place a greater than or less than symbol between the two temperatures.** |

**Model**

Take a look at the interactive thermometer and use it to answer the following questions…

<https://mathsframe.co.uk/en/resources/resource/89/itp-thermometer>

**Now you try…**



**Year 6 Maths   
Expected/ Greater depth activity  
  
Lesson 3   
LO: TBAT apply the use of negative numbers in a range of contexts.**

**Task:**

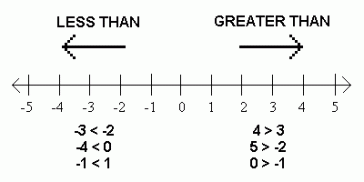
You are going apply your knowledge of negative numbers to solve several problems.

**Success Criteria:**

|  |
| --- |
| 1. **Identify the starting number in the sum.** |
| 1. **Identify the operation needed to solve the sum.** |
| 1. **Calculate.** |
| 1. **Use the inverse to check your answer.** |

**Recap:**Take a look at the interactive thermometer and use it to answer the following questions…

<https://mathsframe.co.uk/en/resources/resource/89/itp-thermometer>



**Year 6 Maths  
Main activity**Complete at least 2 columns, more if you can!

|  |  |  |  |
| --- | --- | --- | --- |
| **Task 1** | **Task 2** | **Task 3** | **Task 4** |
| **Practice** | **Arithmetic** | **Reasoning**  **Explain your answers.**  **Task 1**    **Task 2** | **Problem solving**  **Task 1**  Here are the temperatures in four cities at midnight and at midday.   |  |  |  | | --- | --- | --- | |  | **Temperature** | | | **City** | **At midnight** | **At midday** | | Paris | −4°C | −2°C | | Oslo | −13°C | −7°C | | Rome | 3°C | 10°C | | Warsaw | −6°C | 2°C |   At **midnight**, how many degrees colder was Paris than Rome? Which city was 6 degrees colder at midnight than at midday?  **Task 2** Here are two thermometers. They show two different temperatures.    What is the **difference** between the two temperatures? |