**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? |