

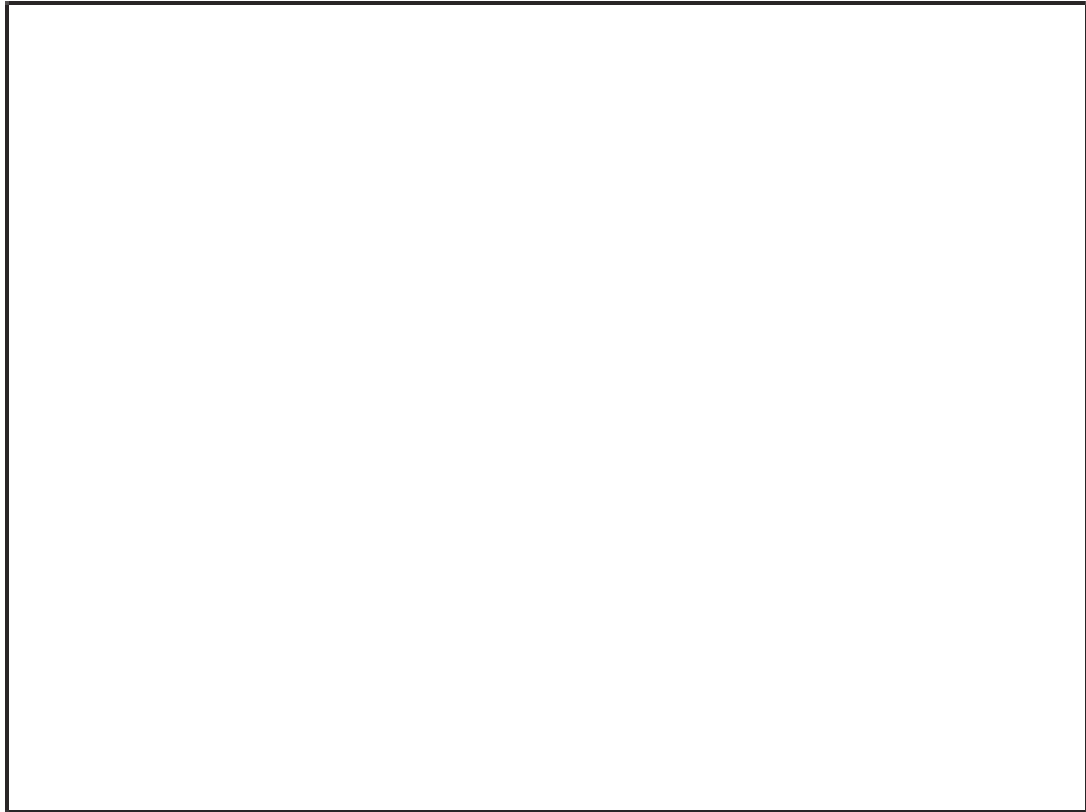
As today is International Nurses day, most of the activities will be based around this. Please find today's learning tasks below.

The table below explains the tasks and you will find the resources underneath. Your child will know which challenge they usually access in each subject and which task will be appropriate for them.

Unless otherwise specified, please complete the tasks in either your Home Learning book or on a word document.

| Year group: 4 | | Date: 12/5/20 | |
|----------------|--|--|--|
| | Challenge 1 | Challenge 2 | Challenge 3 |
| English | As today is International Nurses day, please write a letter of thanks to our amazing nurses who are working to save lives every day! There is a template below for you to write your letter and draw a picture. | As today is National Nurse day, please write a letter of thanks to our amazing nurses who are working to save lives every day! There is a template below for you to use. | |
| Maths | Complete the worksheet by counting forwards and backwards with positive and negative numbers. Then, mark negative numbers on the number line. | Work out the positive and negative number sequences by counting the difference between the numbers given. Then, complete the number sequences and work out the warmest and coolest temperatures. | Solve these word problems involving negative numbers. You may want to draw a negative number line to help you. |
| Reading | Please read through the NHS PowerPoint on the school website (Tues – NHS PowerPoint) to learn more about the history of our NHS. | | |
| Topic | To thank the nurses and our incredible NHS staff, please complete at least one of the activities below. | | |

English – Challenge 1



Dear _____

Thank you for _____

From _____

English – Challenge 2 and 3

Dear _____

Thank you for _____

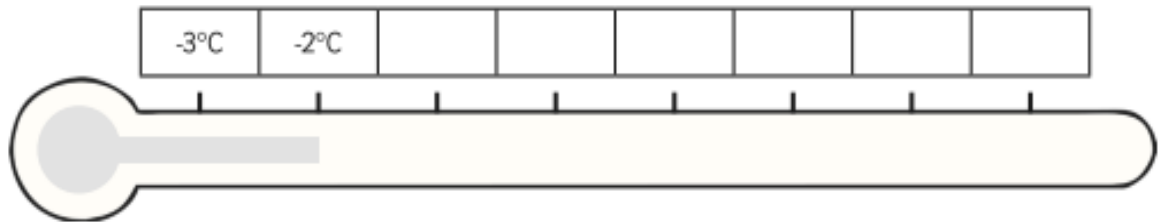
From _____

Maths – Challenge 1

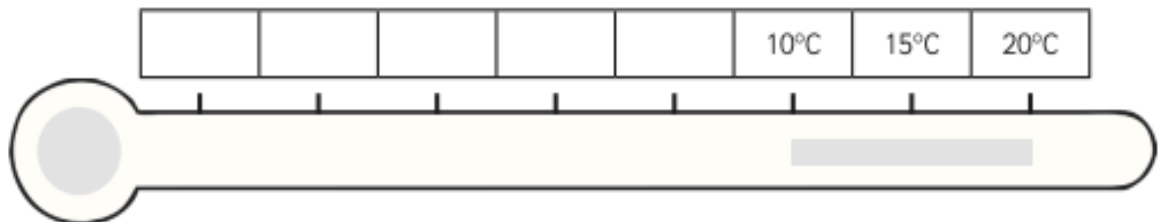
Counting Forwards and Backwards with Positive and Negative Whole Numbers

I can count forwards and backwards with positive and negative whole numbers.

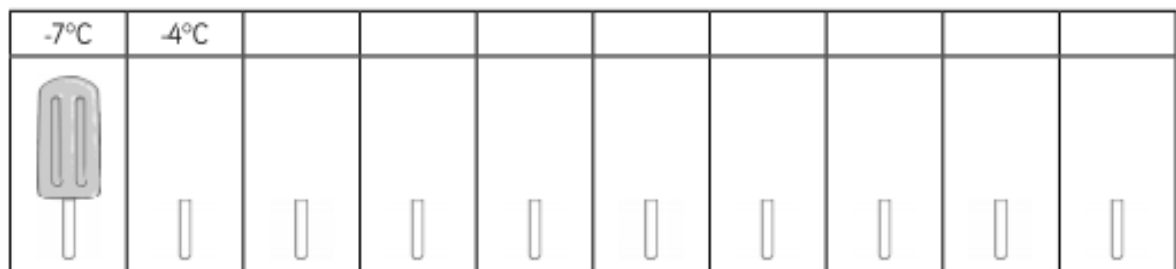
1. Continue this sequence. Colour in the thermometer to match your sequence.



2. Shade the thermometer lightly up to 20°C. Count backwards to continue this sequence and rub out as you go.



3. Look at the ice lolly on the stick. Count forwards to complete the sequence. As you count forwards draw the ice lolly as it continues to melt in the rising temperature. You should have nothing remaining in the last picture.



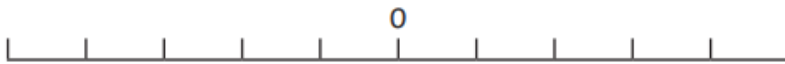
4. Continue this sequence backwards. As the temperature drops with each step, draw an extra item of clothing on the person.



Maths – Challenge 1 continued

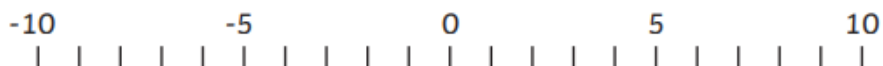
Negative Numbers

2. Mark -1 and 2 on the scale.



Negative Numbers

3. Record a number between -10 and 0.
Is the number you have chosen more or less than -5?



Maths - Challenge 2

5. Figure out the step in each sequence then use the number line below to help you count forwards and backwards to complete them.



a.

| | | | | | | | |
|--|--|--|--|--|---|---|---|
| | | | | | 3 | 5 | 7 |
|--|--|--|--|--|---|---|---|

b.

| | | | | | | | |
|-------|-------|------|--|--|--|--|--|
| -17°C | -12°C | -7°C | | | | | |
|-------|-------|------|--|--|--|--|--|

c.

| | | | | | | | |
|--|--|--|--|---|---|--|----|
| | | | | 4 | 9 | | 19 |
|--|--|--|--|---|---|--|----|

d.

| | | | | | | | |
|-----|--|--|--|--|--|----|----|
| -31 | | | | | | 17 | 25 |
|-----|--|--|--|--|--|----|----|

e.

| | | | | | | | |
|--|--|--|-----|-----|--|--|--|
| | | | -£6 | -£2 | | | |
|--|--|--|-----|-----|--|--|--|

f.

| | | | | | | | |
|--|--|--|--|--|------|--------|------|
| | | | | | 11°C | 15.5°C | 20°C |
|--|--|--|--|--|------|--------|------|

6. Look at the temperatures for these cities. Write the name of the warmest place in the box.

a.

| | | |
|----------|--------|---------|
| New York | Moscow | Warmest |
| -3°C | -1°C | |

b.

| | | |
|-----------|--------|---------|
| Reykjavik | London | Warmest |
| -10°C | -3°C | |



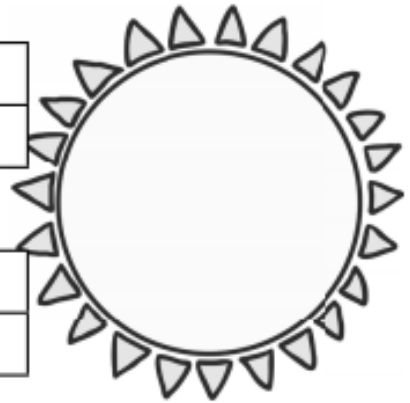
Maths – Challenge 2 (continued)

c.

| | | |
|-----------|-----------|---------|
| Stockholm | Edinburgh | Warmest |
| -3°C | -1°C | |

d.

| | | |
|-------|----------------|---------|
| Minsk | St. Petersburg | Warmest |
| -15°C | -17°C | |



Task 2

Negative Numbers

7. True or false:

-7 is a bigger number than -3?

Convince me that your answer is correct.

Negative Numbers

8. True or false:

-11 is a smaller number than -2?

Convince me that your answer is correct.

Maths – Challenge 3

Word Problems Involving Negative Numbers

I can solve word problems involving negative numbers

Answer these questions. Adding numbers to the blank number lines may help you.

1. The temperature at 6 p.m. is 8°C , at 6 a.m. the next morning the temperature has dropped to -7°C . How many degrees has the temperature fallen by?

2. If you point to 11 on a number line and then count back 18, which number do you get to?

3. The elevator in a skyscraper travels from floor 19 to the underground car park on level -4. How many floors has it descended?


4. An overdraft is a facility which means you can have a negative amount of money in your bank account. If a saver had a balance of $-\text{£}19$ and then paid $\text{£}30$ into his bank account, how much would he have available to spend?

5. In a quiz, a team scores 2 points for each correct answer and loses 5 points for each wrong answer. From the start of a game, a team gets 4 questions in a row correct, but then gets two questions wrong. How many points do they have?

Maths – Challenge 3 continued


1. The highest temperature recorded on Earth is 56°C . The coldest temperature recorded on Earth is -89°C . What is the difference between these temperatures?

Answer:



3. The temperature in the freezer is -28°C . A loaf of bread is taken out of the freezer and allowed to thaw overnight in the kitchen, where the temperature is 18°C . By how much will the temperature of the bread rise

Answer:



Topic – Thank you cards



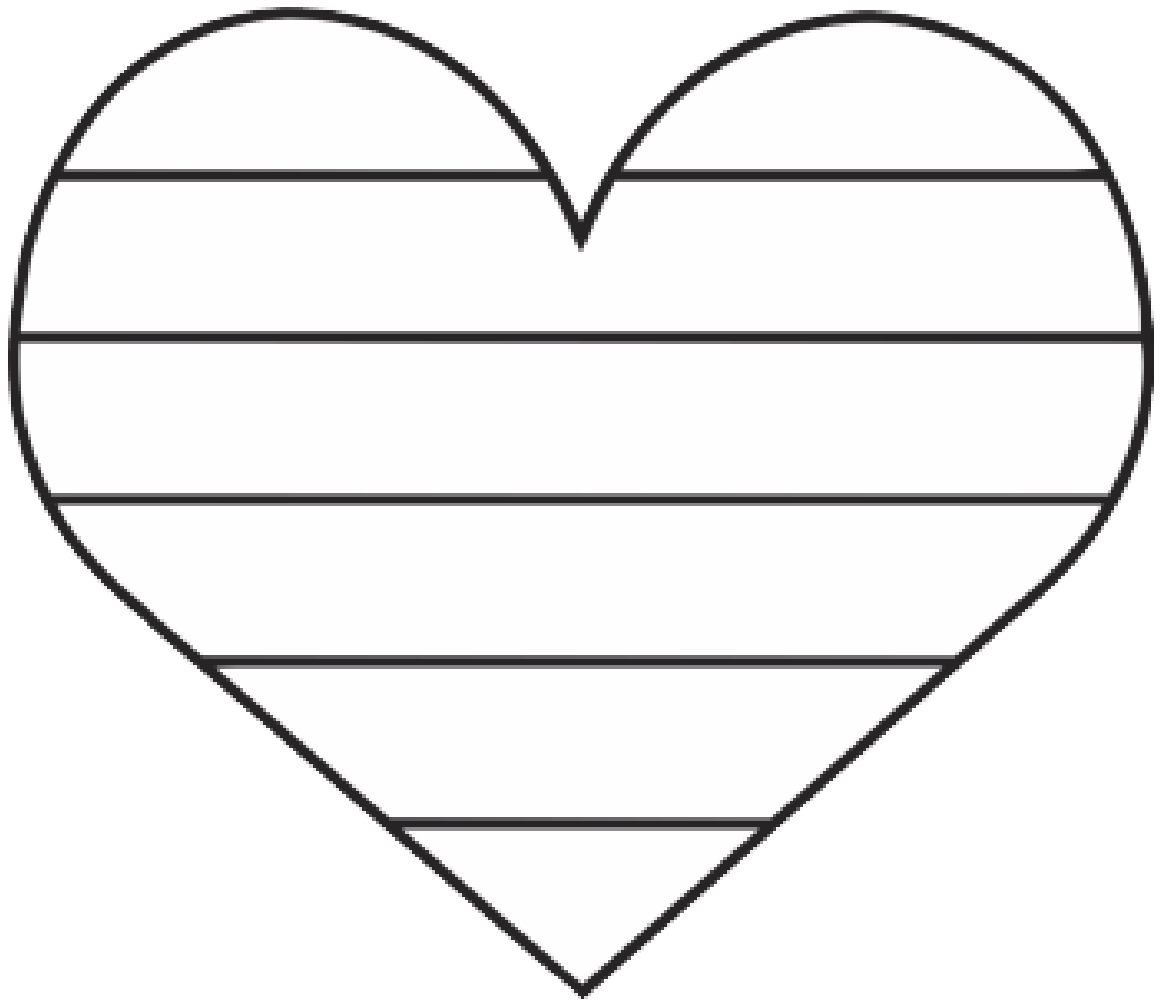


Topic – Posters to colour

Thank You to
Our NHS Staff



Stay Safe



NHS