

**Tuesday 12<sup>th</sup> May 2020**

Today would have been the day of the Reading SATS paper. In a way I am little disappointed you won't get to show off all your effort and hard work. So many of you had made excellent progress and had improved your scores considerably! However, you are making us proud with how you have adapted to 'lockdown' and home-learning!

OK - here's the answers to the chocolate quiz! Hope you enjoyed it!

1. Bounty      2. Lion Bar    3. Mars Bar    4. Reese's Nut Bar    5. Double Decker
6. Topic          7. Star Bar    8. Kit-Kat Chunky    9. Yorkie      10. Peppermint Aero
11. Wispa Gold    12. Boost      13. Snickers          14. Milky Way      15. Fudge
16. Toffee Crisp      17. Cadbury's Caramel    18. Turkish Delight      19. Picnic
20. Crunchie

How many did you identify?

Yesterday's answers from the Maths questions.

Section A

1. 29 children      2. 23 tickets left      3. 160 bricks left    4. £4550
5. rectangle is 14cm wide so perimeter will be 112cm

Section B

1. 53 votes for Moira      2. 96 hrs      3. £32.40
4. Sat = 7567 and Sunday = 5688    5. The triathlete runs 5.5km, swims 1.1km and cycles 22km

\*This was a tough one so don't worry if you didn't get it!\*

Section C

1. £5547.60      2. 2220miles      3. 273 children      4. 8cm      5. £835

### **Task 1 - English - Spellings**

The spellings this week all contain a long /o/ sound spelt 'ou' or 'ow'.

**shoulder    smoulder    mould      poultry    soul    shallow    window    blown**  
**know      thrown**

Firstly, can you write the spellings out in your neatest handwriting. Then put each word into your own sentences. Bonus points for using a relative clause.

## Task 2 - Maths. - Rounding decimals

We've looked at rounding whole numbers now we are going to look at rounding decimals. Think about the what digit you are rounding to. If you are rounding to the nearest whole number then look at the tenths digit. If you are rounding to the nearest tenth then you need to look at the hundredths digit. Use the resources on the following website before you having a go at the activities below. <https://www.bbc.co.uk/bitesize/articles/z6g8d6f>

### A

Copy and complete by choosing one of the numbers in the brackets.

- 1 2.4 → (2, 3)
- 2 6.6 → (6, 7)
- 3 12.9 → (12, 13)
- 4 1.1 → (1, 2)
- 5 9.5 → (9, 10)
- 6 4.37 → (4.3, 4.4)
- 7 1.92 → (1.9, 2.0)
- 8 2.75 → (2.7, 2.8)
- 9 5.48 → (5.4, 5.5)

### B

Round to the nearest tenth.

- |         |          |
|---------|----------|
| 1 1.37  | 6 8.427  |
| 2 6.536 | 7 2.883  |
| 3 4.26  | 8 91.109 |
| 4 31.95 | 9 1.692  |
| 5 7.74  | 10 13.36 |

Round to the nearest hundredth.

- |           |           |
|-----------|-----------|
| 11 0.759  | 16 0.523  |
| 12 4.394  | 17 5.976  |
| 13 1.162  | 18 61.468 |
| 14 17.285 | 19 20.831 |
| 15 3.007  | 20 6.625  |

### C

Round to the nearest hundredth.

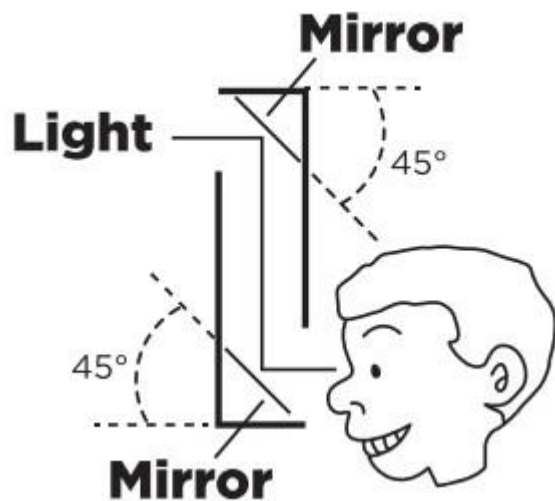
- |          |          |
|----------|----------|
| 1 0.326  | 6 6.737  |
| 2 2.583  | 7 0.175  |
| 3 14.952 | 8 51.249 |
| 4 1.808  | 9 3.761  |
| 5 2.093  | 10 8.454 |

Round to the nearest thousandth.

- |           |           |
|-----------|-----------|
| 11 1.7292 | 16 0.1739 |
| 12 0.3546 | 17 6.1371 |
| 13 2.1062 | 18 2.8653 |
| 14 3.4128 | 19 5.2982 |
| 15 1.0851 | 20 0.5417 |

## Task 3 - Topic - Science Light

Remember light travels in straight lines - so when it hits a mirror angled at 45 degrees - the light makes a 90 degree turn - this is how a periscope works.  
(see diagram on the next page)



On this map you will see several lighthouses.

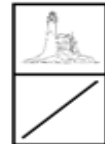
However, only one of them will light up!

Your challenge is to reflect light from the start point on the map in the mirrors positioned on the grid.

Draw the path the light ray takes as it is reflected in the mirrors.

The lighthouse which is hit by the light ray is the one that lights up!

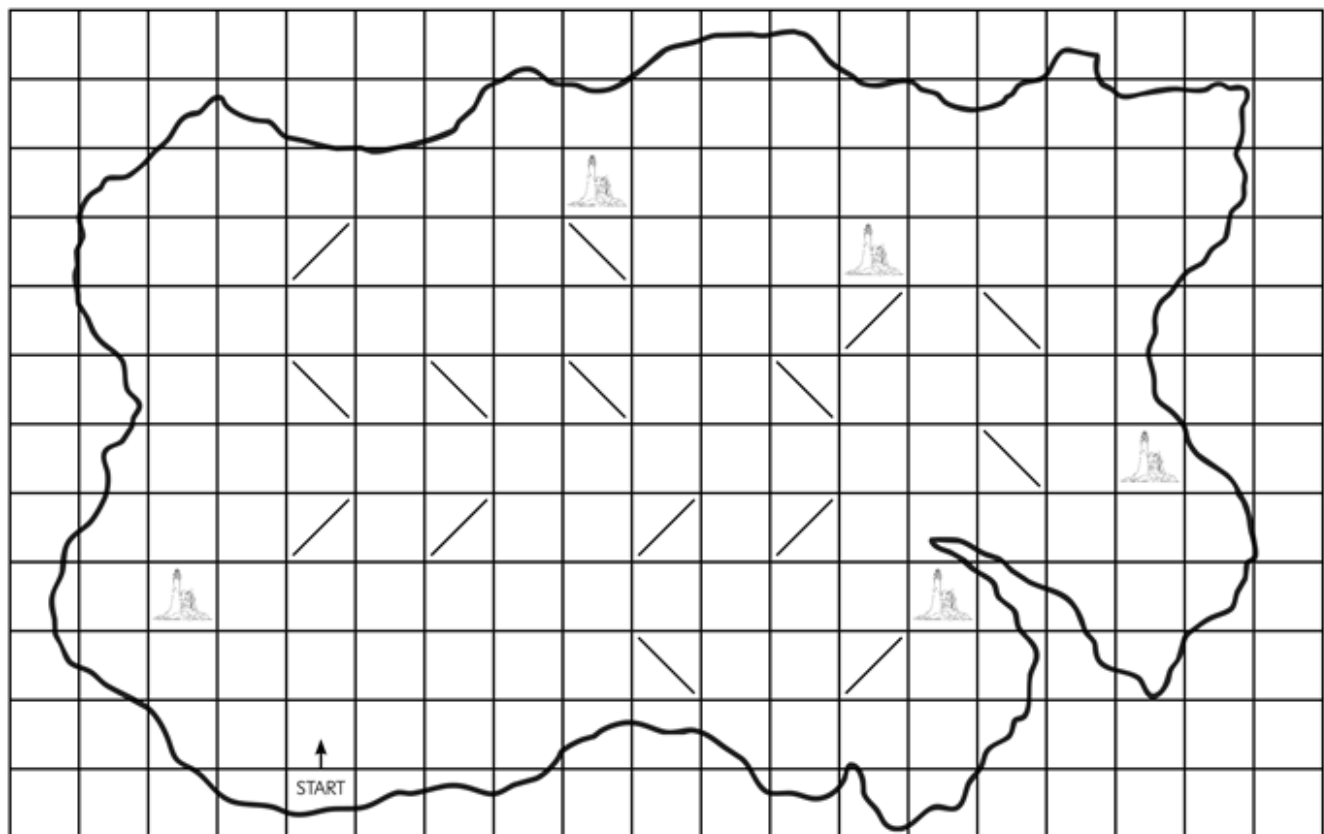
Colour it in yellow.



Light house

Mirror

Have a go at making the light travel in straight lines on the map activity below.

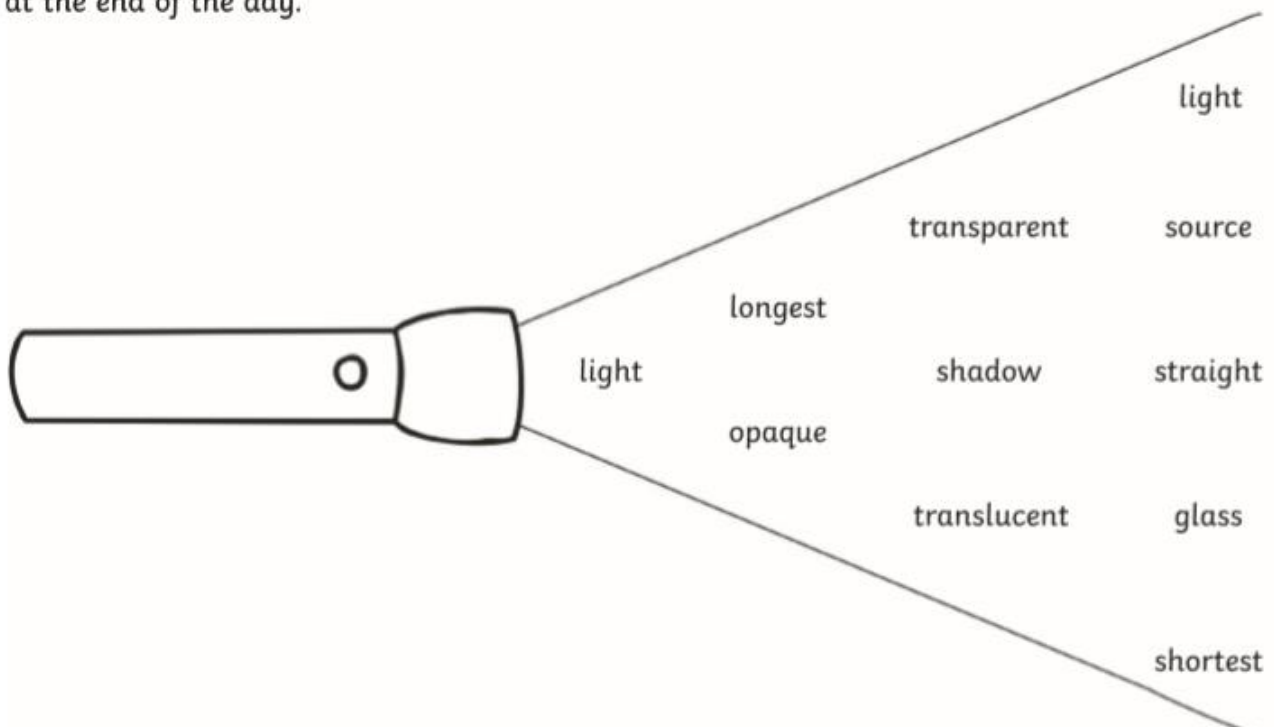


### Amazing Fact

You can buy a torch which is 20 000 times brighter than a regular torch. It can be used to start fires, melt polystyrene and even fry eggs!

Finally - Copy out the passage below in your books. There are some key scientific words missing. Choose from the list and fill in the blanks.

Light travels in \_\_\_\_\_ lines from a \_\_\_\_\_ of light, which bounces off an object. We can see the object because the \_\_\_\_\_ enters our eyes. Wood and cardboard are \_\_\_\_\_ objects, which light cannot travel through. \_\_\_\_\_ is a \_\_\_\_\_ material which allows light to pass through. Tissue paper is \_\_\_\_\_ which will let some light travel through. When an object blocks out the \_\_\_\_\_, a \_\_\_\_\_ is formed. Shadows are \_\_\_\_\_ at midday and \_\_\_\_\_ at the end of the day.



Well done everyone.

Mr Thompson