

It's Sports Day at Twinkl Academy and the children are competing in lots of events. Use your rounding skills to complete the activities.

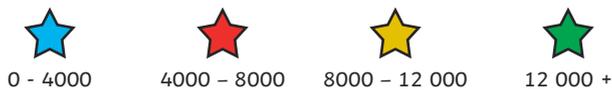


- 1) The children have been competing in the long jump event and their distances have been measured in millimetres. Look at the track below and use it to help identify which multiples of 1000 each child's long jump distance sits between.



| Name | Long Jump Distance | Multiples of 1000 the Distance Sits between | Rounded to the Nearest 1000 |
|--------|--------------------|---|-----------------------------|
| Nehal | 1001 | | |
| Ellie | 3999 | | |
| Pierre | | 2000 – 3000 | |
| Gina | 563 | | |

- 2) The children have been competing in the discus. Their scores have been recorded below. Round the scores to the nearest thousand to work out which sticker they have won.



| Name | Ollie | Milan |
|-----------------------------|----------|-------|
| Finishing Time | MCCCXLII | |
| Rounded to the nearest 1000 | | |
| Sticker | | |

| Fabio | June | Tara | Desirae |
|---------------------------------------|-------------------------|------|-------------------|
| Twelve thousand nine hundred and four | $700 + 30 + 9000 + 9 =$ | 4911 | $18\ 000 - 100 =$ |
| | | | |
| | | | |

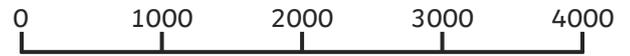
- 3) Alana has collated all her points for the different events on the table below. Use your rounding skills to complete the table.

| Event | Results | Round to the Nearest 10 | Round to the Nearest 100 | Round to the Nearest 1000 |
|-----------|---------|-------------------------|--------------------------|---------------------------|
| Sprint | 799 | | | |
| Javelin | 13 505 | | | |
| High Jump | 4030 | | | |
| Hurdles | | 6500 | 6500 | 7000 |

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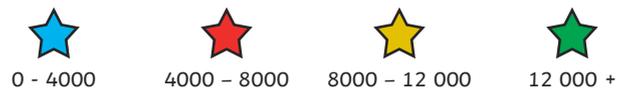


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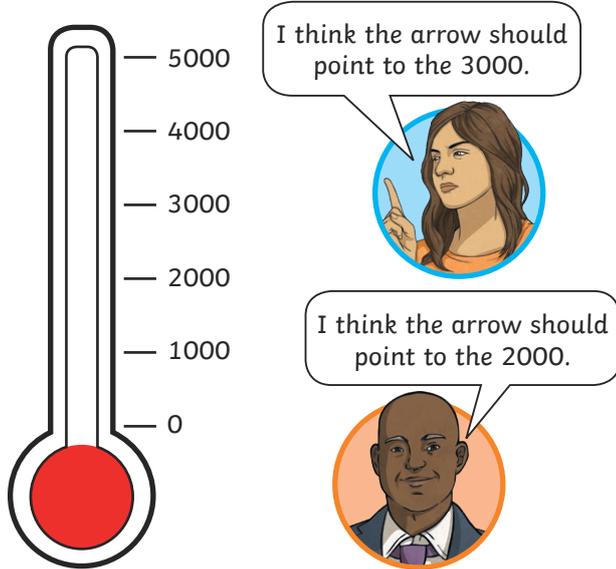
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- 1) The pupils have been busy raising money for The Twinkl Academy Sports Day. So far, they have raised £2064. Mrs Conway and Mr Macfarlane are discussing where to place the arrow on the totalizer if they round the amount to the nearest thousand.



Who do you agree with and who do you disagree with? Explain your answer.



- 2) Mrs Johnston is marking each of the children's javelin throws on the chart. Can you explain which ones are incorrectly placed and why?

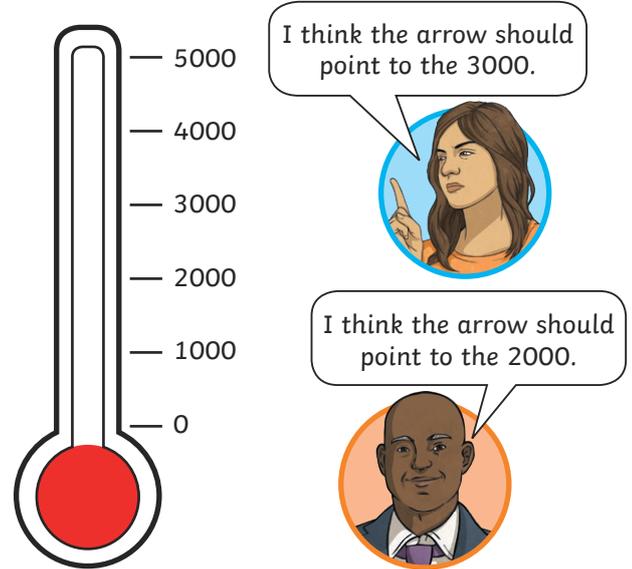
Jack = **3045** Maeve = **994** Patrice = **3999**
 Brenda = **4000** Bruno = **1550** Dominique = **2001**

| Javelin chart | | | |
|---------------------------------------|--|--|--|
| Landed Between the 0 and 1000 Markers | Landed Between the 1000 and 2000 Markers | Landed Between the 2000 and 3000 Markers | Landed Between the 3000 and 4000 Markers |
| Maeve | Bruno Dominique | | Jack Brenda Patrice |

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- 1) It has started to rain and the water has washed some of the digits from the scoreboard.



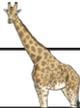
The score when rounded is:

| Nearest 1000 | Nearest 100 | Nearest 10 |
|--------------|-------------|------------|
| 11 000 | 11 400 | 11 430 |

Work out the digits that are missing. Find all ten possibilities.

| | | | | |
|---|--|--|--|--|
| 1 | | | | |
|---|--|--|--|--|

- 2) a) The Twinkl Academy Sports Day is nearly over. Work out what each team scored from the clues below and fill in the score board. Find all possible answers.

| Twinkl Academy Sports Day Scoreboard | |
|---|---|
| <p>Team Giraffe</p> <p>This is a 4-digit number that rounds up to 5000 when rounded to the nearest thousand. When rounded to the nearest 100, it rounds down to 4700. It is a multiple of 5 and has a digit total of 17.</p>  | <p>Team Rhino</p> <p>This number has a digit total of 10 and is an even number. It rounds to 7000 when rounded to the nearest 1000 and has a place holder in the hundreds place.</p>  |

| | |
|--|---|
| <p>Team Elephant</p> <p>This is a 3-digit number that rounds up to 1000 when rounded to the nearest thousand.</p> <p>It has a place holder in the tens column and is an odd number. When rounded to the nearest hundred, it is 900.</p>  | <p>Team Cheetah</p> <p>This is a 4-digit number that is even. When rounded to the nearest thousand or the nearest hundred it is 8000. When rounded to the nearest 10 it has a 5 digit in the tens place. Its digits add together to make 18.</p>  |
|--|---|

| Team Hippo |
|------------|
| ? |
| 2003 |



- b) Write your own clues for the team score for Hippos. Make sure that your clues include rounding.

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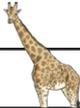
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