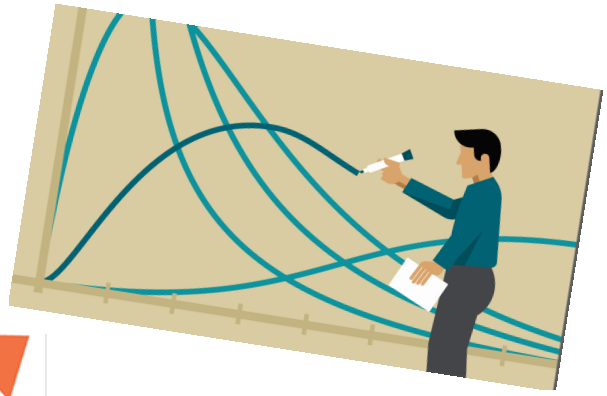
Happy Maths Monday,

L.O.: I can reactivate my prior knowledge (...).

On a post-it note or Class-Dojo or onto this document write down 5 things you remember learning about line-graphs.

1. ...
2. ...
3. ...
4. ...
5. ...



L.O.: I can read tables.

Think-Pair-Write on post-it: Answer the questions & prove your answer.

Pokédex number	Pokémon name	Height (cm)	Weight (g)	Type	Attack points	Defense points
1	Bulbasaur	70	69	Grass	49	49
2	Ivysaur	100	130	Grass	62	63
3	Venusaur	200	1000	Grass	82	83
4	Charmander	60	85	Fire	52	43
5	Charmeleon	110	190	Fire	64	58
6	Charizard	170	905	Fire	84	78
7	Squirtle	50	90	Water	48	65
8	Wartortle	100	225	Water	63	80
9	Blastoise	160	855	Water	83	100
10	Caterpie	30	29	Bug	30	35
11	Metapod	70	99	Bug	20	55

Questions:

1. Which of the listed Pokemons is the tallest?
2. Which one is the smallest?
3. What is the height difference between the tallest and the smallest?
4. What point difference exists between the fiercest (attack points) and the least fierce/aggressive Pokémon?

Sentence-Stems:

- ...

Keywords:

statistics, graphs, data, table, rows, columns, ...

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Good answers!

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Answers:

1. ... tallest -> Venusaur
2. ... smallest -> Caterpie
3. The height difference is 170cm (200cm-30cm).
4. 64 (Chirazard 84 - Metapod 20)

Top-Tip: Read the question carefully.

Avoid rushing to conclusions.

Sentence-Stems:

- ...

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Think-Pair-Write on post-it: Answer the questions & prove your answer.

Planetary Data Table

Planet	Average distance from sun (km)	Average distance from sun (AU)	Diameter (km)	Period of revolution (Earth days or years)	Period of rotation (Earth days or hours)
Mercury	58,500,000	0.39	4,879	88.0 days	59.9 days
Venus	108,000,000	0.72	12,104	224.7 days	244 days
Earth	150,000,000	1.00	12,756	365.2 days	1.00 days
Mars	228,000,000	1.52	6,794	687.0 days	1.03 days
Jupiter	780,000,000	5.20	142,984	11.9 years	9.9 hours
Saturn	1,431,000,000	9.54	120,536	29.5 years	10.7 hours
Uranus	2,880,000,000	19.20	51,118	83.8 years	17.2 hours
Neptune	4,510,500,000	30.07	49,528	163.8 years	16.1 hours

Questions:

1. In what order are the planets arranged here?
2. Which planets are less than 1 Billion km away from the sun?
3. Which planet revolves around the Sun the fastest?
4. Which planet rotates (around own axis) the fastest?
5. Which planets rotate more than once in a day?

...

Sentence-Stems:

- ...

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Good answers!

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Answers:

1. The planets are arranged in average distance from the sun.
2. Mercury, Venus, Earth, Mars and Jupiter are less than 1 Billion km away from the sun.
3. Mercury revolves around the Sun the fastest.
4. Jupiter rotates (around own axis) the fastest.
5. Jupiter, Saturn, Uranus and Neptune rotate more than once in a day while Earth rotates exactly one a day.

Sentence-Stems:

- ...

Keywords:

statistics, graphs, data, table, rows, columns, ...

L.O.: I can read tables.

Think-Pair-Write on post-it: Answer the questions & prove your answer.

	100m sprint (seconds)	Shot put (m)	50m Sack Race (seconds)	Javelin (m)
Stephen	15.5	6.5	18.9	11.2
Julie	16.2	7.5	20.1	13.3
Fred	15.8	6.9	19.3	13.9
Chris	15.6	7.2	18.7	14.1
Laura	17.9	6.3	18.7	13.3

Julie: I won the Sack Race as my number is the smallest .

Chris: I won the Javelin, because I have the smallest number.

Sentence-Stems:

- I agree/disagree with ..., because ...

Keywords:

statistics, graphs, data, table, rows, columns, ...

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Julie: I won the Sack Race as my number is the smallest .

Julie is right, the winner in the sack race took the least time (smallest number).

Chris: I won the Javelin, because I have the smallest number.

Chris is wrong, because in Javelin the winner is the one who threw the furthest (largest number).

Sentence-Stems:

- I agree/disagree with ..., because ...

Keywords:

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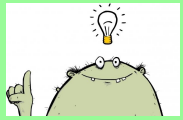
L.O.: I can read tables.

Task: Complete the tasks from your sheet in your book.



Plenary

RL: What helped me be successful in my learning today was ...

1. ... 2. ... 3. ...

Sentence-Stems:

- ...

Keywords:

statistics, graphs, data, table, rows, columns, ...