

Math PBL

Sports Statistics



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The Task:
To calculate the averages and percentages of a player or sports team



Included Concepts:

Data collection
Able to evaluate data to find the average and percentage



Requirements:

You will need to look at the statistics of a player or sports team to be able to evaluate their performance.

This may include working out; how many goals they have scored over a season, passes, defence, games played, games won etc.
You will then use this information to calculate the averages and percentages for the season.

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Real World Mini Math Project

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Steps to Take:

1. Research your chosen sports player or team.
2. Print out/ record the data needed.
3. Use the data to work out the average of each statistic.
4. Use the data to work out the percentage of each statistic.
5. Share your findings with the class



Assessment:

Concepts accurately covered	/5
All sections completed to a high standard	/5
On task work ethic	/5
Clearly shows mathematical thinking/ working out	/5
Comment:	
	/20

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Students Will Love!

Detailed Student Outline with Concepts & Steps Covered



Sports Statistics

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Comments:
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Assessment:

Can collect and record appropriate data	15
Can accurately work out the average from a set of data	15
Can accurately work out the percentage from a set of data	15
Clearly shows mathematical thinking/working out	15
Comment:	120

Easy to Use Worksheets Included



Sports Statistics Summary (no working out space)

Player or Team Name:

Season/ Year:



Statistic	Raw Data	Average	Percentage



Sports Statistics

Player or Team Name:

Season/ Year:

	Raw Data	Average	Percentage
Example	Game 1: 3 Game 2: 0 Game 3: 3	$3+0+3=6$ $6/3=2$ Average = 2 goals per game	Game 1: 3 goals out of 6 for the season = $3/6 \times 100$ Game 1 = scored 50% of the goals for the season Game 2: 0% Game 3: 50%

Digital & Printable Google Slides Option



Sports Statistics

Player or Team Name: _____
Season/ Year: _____

Statistic	Raw Data	Average	Percentage

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Quick Teacher & Self / Peer Assessment

Assessment

Mini Math Project: Sports Statistics

Concepts accurately covered	/5
All sections completed to a high standard	/5
Clearly shows mathematical thinking/ working out	/5
On task work ethic	/5
Total:	/20

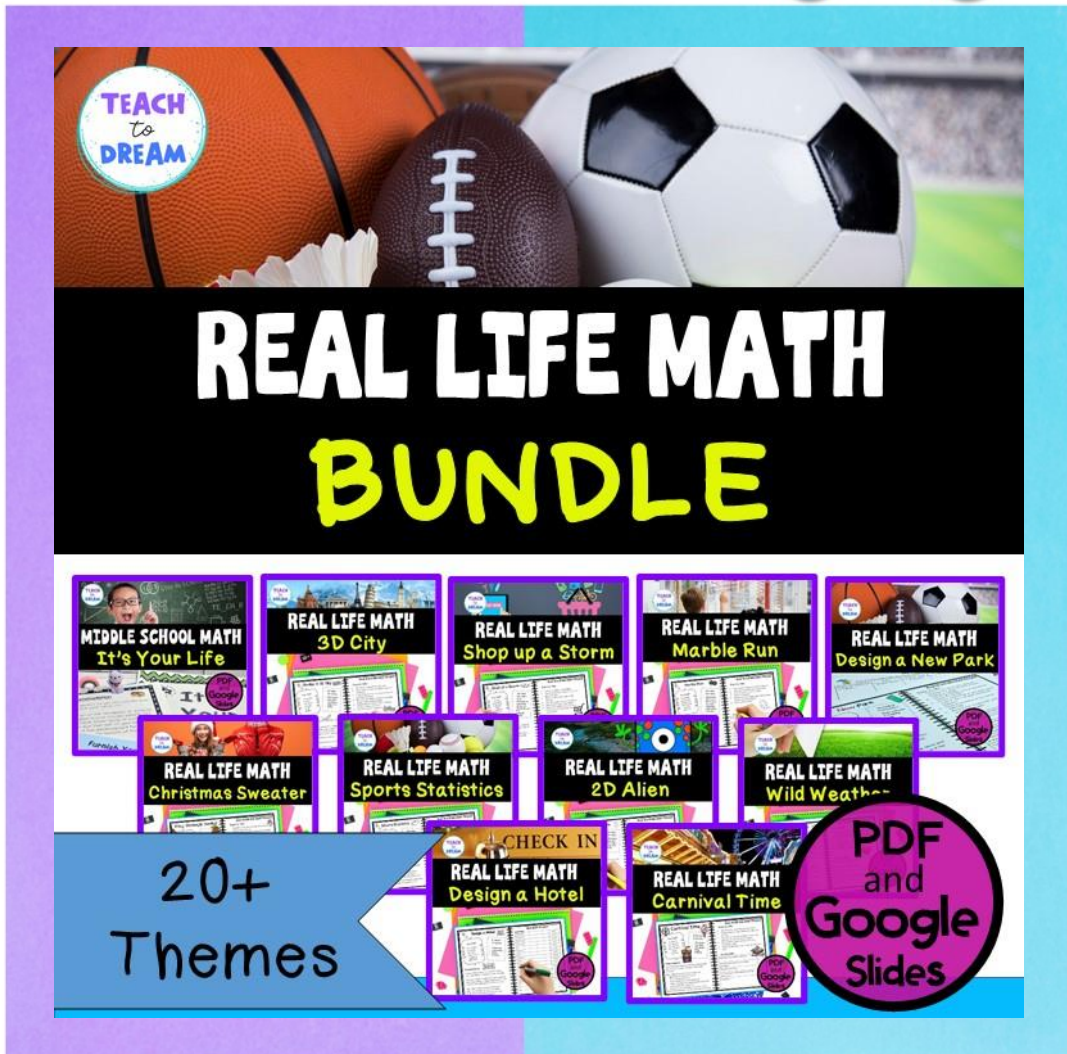
Comment:

Self/ Peer Assessment: Mini Math Project: Sports Statistics

Shows mathematical thinking	/5
Easy to follow/ understand	/5
Mathematical concepts are completed accurately	/5
On task work ethic during lessons/ task assignment	/5
Total:	/20

Best part of the project	Ideas for improvement

Interested in PBL writing Tasks that Engage?



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REAL LIFE MATH
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Christmas Sweater

REAL LIFE MATH
Sports Statistics

REAL LIFE MATH
2D Alien

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Wild Weather

20+ Themes

CHECK IN
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Design a Hotel

REAL LIFE MATH
Carnival Time

PDF and Google Slides

The advertisement features a central image of a basketball, a football, and a soccer ball. Below this, the text 'REAL LIFE MATH BUNDLE' is prominently displayed. A collection of ten smaller images shows various math project themes, each with a title and a small '20+ topics' badge. A blue banner on the left indicates '20+ Themes', and a purple circle on the right specifies 'PDF and Google Slides'.

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