

Math PBL

Carnival Time



The Task:

To plan a fun day at the carnival for you and some friends



Included Concepts:

- Time am/ pm
- Time 24 hrs
- Time duration
- Money
- Budgeting

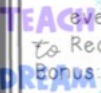


Requirements:

You have been asked to plan the ultimate day out for you and your friends at the local carnival.

Requirements of your time at the zoo:

- Be there for at least 6 hours
- Go on at least 5 rides.
- Have two breaks to eat and rest.
- Plan a schedule with approximate times for every ride/ place you visit
- Record in both am/ pm and 24 hour time
- Bonus: Record wait times & run a ride for a day



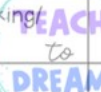
Real World Mini Math Project

Steps to Take:

1. View the ride costs and duration times
2. Decide where to start and which rides you will visit.
3. Record the time you will get to each ride (am/ pm/ 24 hour) & total duration
4. Record all of your costs for the day, including a total.
5. Complete the bonus run a ride for the day task.

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



Students Will Love!

Detailed Student Outline with Concepts & Steps Covered



Carnivale Time



The Task:

To plan a fun day at the carnival for you and some friends



Included Concepts:

- Time am/pm
- Time 24 hrs
- Time duration
- Money
- Budgeting

Requirements:

When asked to plan the ultimate day and your friends at the local
 your time at the zoo:
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 5 rides.
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 and 24 hour time
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Real World Mini Math

Steps to Take:

1. View the ride costs and duration
2. Decide where to start and which will visit.
3. Record the time you will get to each (am/ pm/ 24 hour) & total duration
4. Record all of your costs for the day, including a total.
5. Complete the bonus run a ride for the day task.

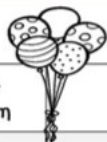


Assessment:

Can write time in am and pm when recording a day's worth activities	/5
Can correctly record time in 24 hour time	/5
Can accurately use work out the duration of time	/5
Can correctly work with money and keep a running total of costs.	/5
Clearly shows mathematical thinking OR Can work out profit/ loss in bonus task	/5
Comment:	/20



Easy to Use Worksheets Included



My Day at the Carnival



Time am/pm	Time 24 hr	Ride or Place	Ride Time	Total Duration
10am	10:00	Pirate Ship	5mins	15mins

at the Carnival



Bouncy Castle
Cost: \$5
Duration: 5mins



Bumper Cars
Cost: \$5
Duration: 10mins



Ferris Wheel
Cost: \$3
Duration: 10mins



Pirate Ship
Cost: \$3
Duration: 5mins



Roller Coaster
Cost: \$3
Duration: 5mins



Merry Go Round
Cost: \$2
Duration: 5mins

Digital & Printable Google Slides Option



Running a ride



Name of ride or sideshow game	Cost to run per hour	Duration of ride	Amount people pay for ride	No. of people on each ride
Bouncy castle	\$30	5mins	\$5	Min 2 Max 5
Bumper Cars	\$70	10mins	\$5	Min 4 Max 10
Ferris Wheel	\$80	10mins	\$3	Min 10 Max 30
Pirate Ship	\$80	5mins	\$2	Min 5 Max 20
Water coaster	\$100	5mins	\$3	Min 5 Max 10
Merry go round	\$90	5mins	\$2	Min 5 Max 15

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Quick Teacher & Self / Peer Assessment

Assessment

Mini Math Project: Carnival Time

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:

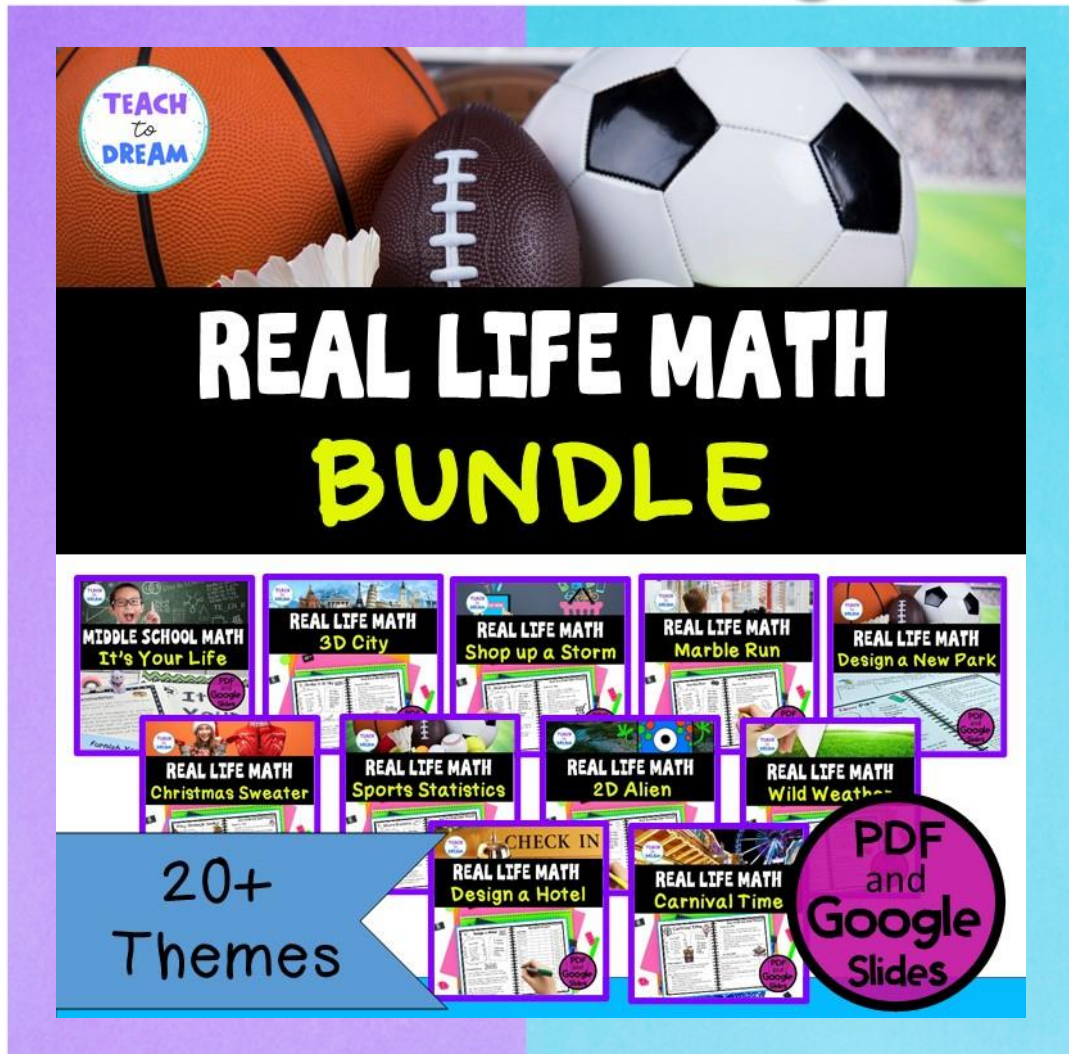
Self/ Peer Assessment:

Mini Math Project: Carnival Time

Shows mathematical thinking	1 2 3 4 5
Easy to follow/ understand	1 2 3 4 5
Mathematical concepts are completed accurately	1 2 3 4 5
On task work ethic during lessons/ task assignment	1 2 3 4 5
Total:	/20

Best part of the project	Ideas for improvement

Interested in PBL writing Tasks that Engage?



TEACH to DREAM

REAL LIFE MATH BUNDLE

MIDDLE SCHOOL MATH
It's Your Life

REAL LIFE MATH
3D City

REAL LIFE MATH
Shop up a Storm

REAL LIFE MATH
Marble Run

REAL LIFE MATH
Design a New Park

REAL LIFE MATH
Christmas Sweater

REAL LIFE MATH
Sports Statistics

REAL LIFE MATH
2D Alien

REAL LIFE MATH
Wild Weather

20+ Themes

CHECK IN
REAL LIFE MATH
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 cards with titles like 'It's Your Life', '3D City', 'Shop up a Storm', 'Marble Run', 'Design a New Park', 'Christmas Sweater', 'Sports Statistics', '2D Alien', 'Wild Weather', 'Design a Hotel', and 'Carnival Time'. A blue banner on the left indicates '20+ Themes', and a purple circle on the right states 'PDF and Google Slides'.

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