





Math PBL

Zoo Days



The Task:
To plan a fun day at the zoo for your entire family

Included Concepts:

- Time am/pm
- Time 24 hrs
- Time duration
- Scale with distance

Requirements:
You have been asked to plan a great day out for your family when they visit the local zoo.

Requirements of your time at the zoo:

- Be there for at least 6 hours
- See a minimum of two animal feedings
- Visit at least 7 animal enclosures
- Have two breaks to eat and rest.
- Plan a schedule with approximate times for each enclosure visit.

Record in both am/ pm and 24 hour time
Record the distance you walk.

Real World Mini Math Project

Steps to Take:

1. View the zoo map and animal encounter schedule.
2. Decide where to start and which animals you will visit.
3. Record the time you will get to each location (am/ pm/ 24 hour) & time spent there
4. Make sure you meet the necessary requirements.
5. Record the distance you walked

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



Zoo Days



The Task:
To plan a fun day at the zoo for your entire family

Included Concepts:

- Time am/pm
- Time 24 hrs
- Time duration
- Scale with distance

Requirements:
Have been asked to plan a great day out when they visit the local zoo.
Spend your time at the zoo:
- at least 6 hours
- a minimum of two animal feedings
- visit all animal enclosures
- eat and rest.
- approximate times for
- and 24 hour time
- walk.

Real World Mini Math

Steps to Take:

1. View the zoo map and animal enclosure schedule.
2. Decide where to start and which animals will visit.
3. Record the time you will get to each location (am/pm/ 24 hour) & time spent there.
4. Make sure you meet the necessary requirements.
5. Record the distance you walked.


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 use scale to work out distance	/5
Clearly shows mathematical thinking/ working out	/5
Comment:	/20


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Easy to Use Worksheets Included



**Animal Encounters/ Interactions Times
am/pm**



Enclosure	Encounter/Interaction	Time/s	Duration
Seal	Feeding time	10:00am	30mins

Seal

Flamingo

Monkey

Snake

Lion

Crocodile

Polar Bear

Panda

Zebra

Penguin

Digital & Printable Google Slides Option



Animal Encounters/ Interactions Times 24 hour time



Enclosure	Encounter/Interaction	Time/s	Duration
Seal	Feeding time	10:00	30mins
Flamingo	Zoo keeper talk	14:10	45mins
Lion	Feeding time	10:15	15mins
Reptile/ snake	Zoo keeper talk	12:50	15 mins
Elephant	Zoo keeper talk	11:15	30mins
Giraffe	Feeding time	10:30	40mins
Monkey	Zoo keeper talk	13:10	20mins
Penguin	Visitor feeding opportunity	10:30 14:30	15mins
Panda	Zoo keeper talk	15:20	30mins
Polar bear	Feeding time	11:30	50mins

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Quick Teacher & Self / Peer Assessment

Assessment

Mini Math Project: Zoo Days

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:

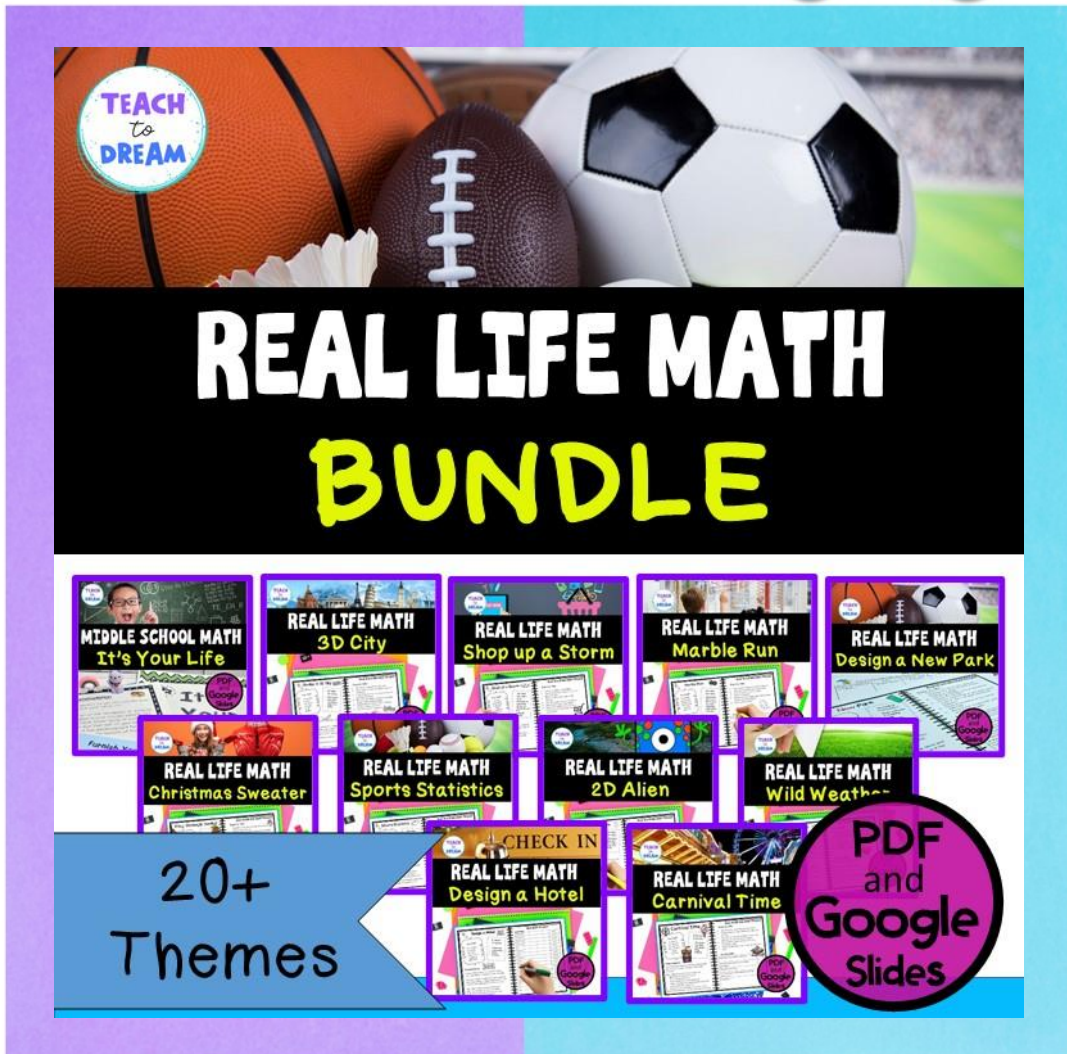
Self/ Peer Assessment:

Mini Math Project: Zoo Days

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

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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 collage 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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