Off-Road Adventure Lesson Plan

Morgan's Wonderland Lesson Plans
Off-Road Adventure

TEKS: The student uses time to describe, compare and order events, and situations (K.11). The student understands that time can be measured. The student uses time to describe and compare situations (1.8). The student uses standard tools to estimate and measure time and temperature (in degrees Fahrenheit) (2.10). The student reads and writes time and measures temperature in degrees Fahrenheit to solve problems (3.12). The student applies measurement concepts. The student measures time and temperature (in degrees Fahrenheit and Celsius) (4.12; 5.11).

http://www.tea.state.tx.us/student.assessment/special-ed/staaralt/vertalign/ (Math, page 17)

Objective: ***The student will use measurement skills to identify time***

Directions for Following Lesson Plans

Resources:

Book Lists:
http://www.apples4theteacher.com/math/time/kids-books/

http://www.the-best-childrens-books.org/teaching-clocks.html

Clock manipulatives (like Judy Clocks)
http://www.teacherspayteachers.com/Browse/Search:clock%20manipulative

Board Game resources:
http://mathgames4children.com/Printables/Board%20Games/
http://mathgames.edublogs.org/files/2010/01/time-game-board-3rd.pdf

5E's	Suggested Activity	Teacher will do:	Student will do:
Engage:	Read a book about telling time incorporating time practice Book Lists: http://www.apples4theteacher.com/math/time/kids-books/ http://www.the-best-childrens-books.org/teaching-clocks.html *Accommodations: Provide access to a visual support choice board, Judy Clock or other way to respond verbally.*	Read book; Ask questions	Manipulates clock to answer questions
Explore:	Play board game to practice time skills Board Game resources: http://mathgames4children.com/Printables/Board%20Games/ http://mathgames.edublogs.org/files/2010/01/time-game-board-3rd.pdf	Models how to play game	Builds time skills by playing game and answering questions

5E's	Suggested Activity	Teacher will do:	Student will do:
Explain:	Answer questions on posters during Off-Road Adventure	Provides clipboard/ Answer sheet; if allowable take pics of students	Uses clock manipulative to show answer; points, gazes, or circles correct choice on sheet
Extend:	Reflection sentence stems	Provide sentence stems and appropriate pictures/symbols/words for reflection on activity: I rode in the…. My favorite part was…. (etc.)	Complete the sentence stems with appropriate supports (pictures, symbols, words)
Evaluate:	Review sheets to reinforce activity	Go over answer choices ; review pictures of students completing activity	Correct answers as needed

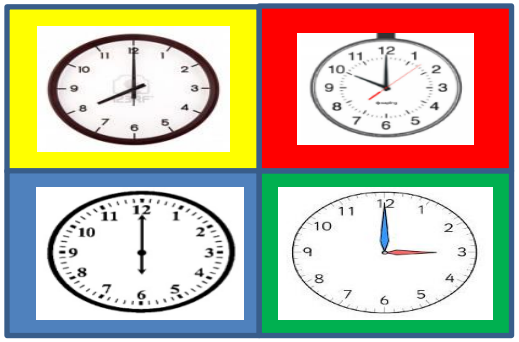
One Card Activity

Materials for Course/Packet:
* 4 corrugated plastic boards divided into vehicle colors with analog clocks showing different times on them (hour, half hour, quarter hour, 5 minute increments)

* Question/Answer sheet per student

* Clock manipulative per car
(in packet or attached to car)

* Markers (retractable recommended for ease)



Other ideas:

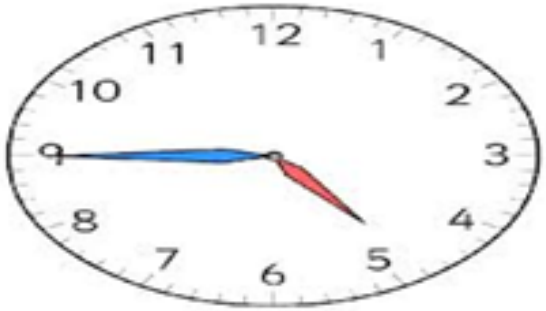
If technology is a tool that you all would like incorporated, we could utilize iPads/apps to make the course more technologically interactive.
For example:
** instead of boards w/clocks we could use QR code sites where the students could use the app to scan the code and get the question*
** students answer using an app called QuizCast— an app where pre-loaded quizzes can be accessed, answered, and evaluated by teachers through email*
** teachers could easily differentiate by having different students access different quizzes*

If this is something you are interested in, we can troubleshoot how to get these tools in place.

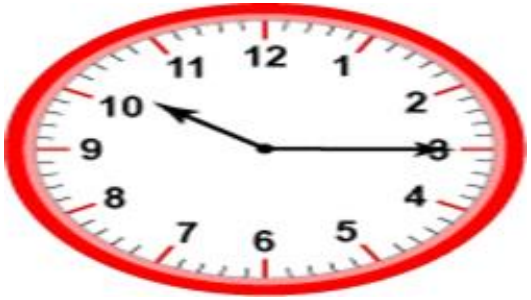
Match the clock.

Match the time.

What is the time if you added 15 minutes to 12:30?



What is the time if you added 1 hour to 8 o’clock?



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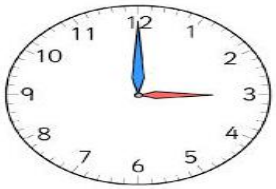
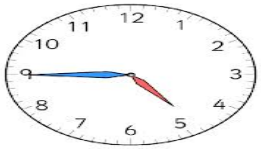



2. Match the time.

3. What is the time if you added 15 minutes to 12:30?



4. What is the time if you added 1 hour to 8 o'clock?



Example of Answer Sheet– each question addresses different levels of difficulty. An entire worksheet could look like each question if you wanted to provide more differentiation for each teacher.

Multi Card Activity

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* 4 corrugated plastic boards divided into vehicle colors with analog clocks showing different times on them (hour, half hour, quarter hour, 5 minute increments)

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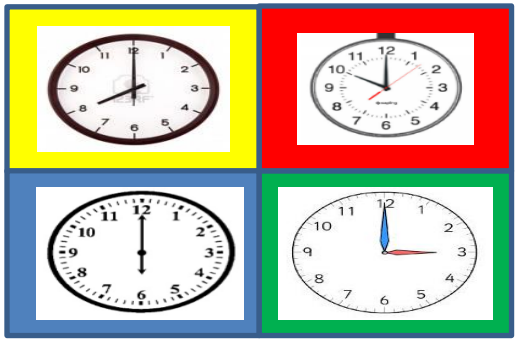

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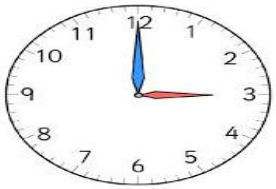
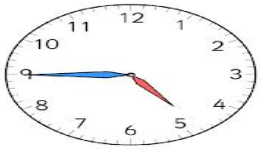
RED CAR

1. Match the clock.


2. Match the time.

3. What is the time if you added 15 minutes?



4. What is the time if you added 1 hour?



Example of Answer Sheet– each question addresses different levels of difficulty. An entire worksheet could look like each question if you wanted to provide more differentiation for each teacher.