



Lesson Plan Summary

Magic Tree House #4: Pirates Past Noon

During this activity, students will:	Common Core Math Standards addressed:
<ul style="list-style-type: none">• Hunt for twelve treasure maps containing math problems.• Solve each problem and record answer on an answer sheet.• Have answer sheet corrected by teacher/adult.• Correct any missed answer with help from teacher/adult.	<ul style="list-style-type: none">• Identify the place value for each digit• Order and compare whole numbers• Use the inverse relationship between addition and subtraction• Know relationship in time• Determine the duration of intervals of time in hours• Recognize and extend patterns and determine a next term in linear pattern

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Created by: Katy Schrum, 2011 Magic Tree House Teacher of the Year; Paradise, California

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Lesson Plan

Magic Tree House #4: Pirates Past Noon

Cap'n Bones' Math Treasure Hunt



Materials:

- . Math problems (in accompanying materials)
- . 12 copies of the treasure map (in accompanying materials)
- . Clipboards or writing boards
- . Answer key (in accompanying materials)
- . Pirates Past Noon

Procedures:

1. Read Pirates Past Noon.
2. Prepare treasure maps with math problems.
3. Laminate for durability, if possible.
4. Explain to students that they will be hunting for twelve treasure maps. The location of the maps should be kept secret and hunted for quietly so that no other pirates will be able to locate the treasure.
5. Once all maps have been solved, return to the teacher/adult to be corrected. Any mistake that is made needs to be corrected, so the pirate must return to the map and recalculate the problem.
6. Once all twelve maps have been solved correctly, a "treasure" may be rewarded. (sticker, small treat, class money, etc.)



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Cap'n Bones'

Math Treasure Hunt Questions

Directions: Cut out the 12 math questions. Glue them onto the back of a treasure map. (Laminate for long-term use, if possible.) Place them outside in bushes, grass, etc. or wherever you are having your treasure hunt.

1. 12 cackle fruit – 5 cackle fruit = ____ cackle fruit

2. How many tens and ones are in 67?
____ tens ____ ones

3. Is 24 an odd or an even number? _____

4. Cap'n Bones sailed for one month. About how many days is that?
7 days 40 days
30 days 5 days

5. Polly eats a cracker every day for one whole week. How many crackers does she eat?
_____ crackers

6. Stinky found lots of gold pieces. How many gold pieces fit to make the sentence true?
____ > 78

73 87 75 67

$$\begin{array}{r}
 7. \quad 9 \text{ stinky pirates} \\
 + 3 \text{ stinky pirates} \\
 \underline{4 \text{ stinky pirates}} \\
 ? \text{ stinky pirates}
 \end{array}$$

8. Pinky ate 8 hardtack biscuits on Monday and 9 on Tuesday. How many hardtack biscuits did he eat in all? _____ hardtack biscuits

9. How many oars are in 4 boats?

boats:	1	2	3	4
oars:	2	4	6	?

10. If Stinky started his bath at 6:00 a.m. and finished at 8:00 a.m., how long was his bath?
 ____ hours

11. Which is a related fact for $6 + 5 = 11$?

$$11 - 5 = 6 \quad 11 + 5 = 6 \quad 5 - 6 = 11 \quad 5 + 5 = 10$$

12. Cap'n Bones read 3 maps on Monday and 9 maps on Tuesday. How many did he read?
 ____ maps.



Name: _____



Cap'n Bones' Math Treasure Hunt

Directions: Find the 12 hidden treasure maps. Answer the questions correctly on the lines below, and ye may win some treasure! Arrgh...

1. _____ 7. _____

2. _____ 8. _____

3. _____ 9. _____

4. _____ 10. _____

5. _____ 11. _____

6. _____ 12. _____

Cap'n Bones' Math Treasure Hunt Key

1. 7 cacklefruit
2. 6 tens 7 ones
3. even
4. 30 days
5. 7 crackers
6. 87
7. 16 stinky pirates
8. 17 biscuits
9. 8 oars
10. 2 hours
11. $11 - 5 = 6$
12. 12 maps

