

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**ADVENTURE ENGINEERING- “Lost in the Amazon”**  
**LESSON 6: Attack of the Raging River**



**Activity 2: Taking a Boat to Manaus**

Given your need to cross the river to reach Manaus, you realize that the fastest way to continue on to Manaus is to use the river’s current to float your way there. While building a boat may not be easy, you are tired of walking after so many days and the idea of floating down the river instead of continuing to hike appeals to everyone. Can you successfully design a boat to cross the river and float with the current downstream to Manaus?

**Procedures:**

Using your engineering knowledge gained during the previous activity and the materials given to you by your teacher, construct a boat in your group that will hold the amount of mass needed. Your teacher will tell you how many items you will have to hold. Write the type of materials you will use and how many items of each material you must carry in the table below.

Below are some suggestions to help you in your construction.

1. Recall the first activity with the clay and what was important to making the clay float.
2. Have different members of the group try different ideas and test to see which one is the best.
3. Remember, you don’t have to use all of the materials given to you to construct a boat.

**DATA TABLE:**

<b>Material</b>	<b>Minimum Number of Items to Be Carried</b>
1.	
2.	
3.	

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Congratulations! You successfully made it to Manaus! You're at the airport, soon to board a plane that will take you and your team mates home. You're really looking forward to seeing your family and friends, and enjoying all the creature comforts that you've been missing while surviving your crash and adventure in the Amazon Rainforest. Just as you're boarding the plane, the pilot arrives to thank you and your team for saving his life. He wishes you a safe trip home and good luck with your future endeavors. He is much stronger and recovering quickly after getting the medical help he needed in Manaus.

As you settle into your seat, you reflect on your recent adventure through the Amazon Rainforest and how much you've learned and accomplished in the last two weeks. Soon after take-off, the stewardess informs you and your team mates that word of your grand adventure has already spread back home. You're a local celebrity! There will be news reporters waiting at the airport to interview you and your teammates when you arrive. You are excited about being in the evening news program, but also a little nervous – you've never been on T.V. before! What will they ask? How will you respond?

**Procedure:**

To help you prepare for your interview on the T.V. evening news, below are a series of questions the interviewer may ask you. Your interview will last for only three minutes, so you need to be well prepared with your answers. Use your time wisely and be sure to write in complete sentences!

1. What did you enjoy most about your adventure in the Amazon?

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2. What did you find to be the most challenging?

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3. What skill(s) did you learn that will be helpful in the future?

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4. What was the most memorable part of your adventure?

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Here are two blank question and answer sections for your group to fill out. Think about what else you would want to share about your adventure in the Amazon rainforest. Be creative and write down two additional questions that the interviewer may ask you, and supply the appropriate answers.

5. Question:

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Answer:

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Date: \_\_\_\_\_

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6. Question:

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Answer:

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