

our idea.

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For the <b>wheels</b> I plan to,	
Because,	
For the <b>axle</b> I plan to,	
Because,	
For the <b>chassis</b> I plan to,	
Because,	

For the <b>lever arm</b> I plan to,
Because,
For the mouse trap position I plan to,
Because,
· · · · · · · · · · · · · · · · · · ·
<b>Plan Summary</b> Write a summary of the plan and a scientific reason for choosing that solution.



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## **Research The problem** In this space record the source of information you used to answer your questions and what you learned from the information. You must include 2 different sources. Source of information #2 What I learned



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Source of information #1
What I learned

### **Label with - Parts and Functions**



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t; when you solve a design problem; when you solve a group conflict etc

Date	Task

# **MOUSE TRAP CAR JOURNAL** Name: Teacher: Class Period: **Group Members:**



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car. These steps should be detailed but Concise.

### **Research The Problem** What questions do you need to research to help solve the problem? How will you get the information to answer your questions? 1. -What do you want to know? -How will you get the information? 2. -What do you want to know? -How will you get the information? 3. -What do you want to know? -How will you get the information?



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car using a nergy to propel the far as possible.

### **Rules:**

- 1. Energy must only be provided by one Tomcat four inch mousetrap attached to the vehicle.
- 2. The car must be made from the materials the student has designed and put together.
- 3. The mechanism of the mousetrap must not be altered in any way.

#### **Due Dates**

TBD- Keep track of the due dates here.



### **Design Challenges**

In this section record the problem you had building your mousetrap car and the solutions you found to fix the problem.

PROBLEM	DESIGN SOLUTION