

CASTLE SOUTH MIDDLE SCHOOL
SCIENCE FAIR
PROJECT SELECTION

NAME _____ DATE _____ CLASS _____

1. Identify the Problem. This is written in the form of a question.

2. List at least three items to research on this topic.
 - 1).

 - 2).

 - 3).

3. List all the materials that will be needed.

4. Identify the independent variables – the things that you will change on purpose.

5. Identify the dependent variable – what is being measured (time, distance, height, weight, mass, etc...)

6. Identify the **metric** units in which measurements being made (seconds, centimeters, grams, etc.).

CASTLE SOUTH MIDDLE SCHOOL
SCIENCE FAIR
PROJECT SELECTION

7. How long will the experiment take (hours, days, weeks)? You will need time for 5 or more Trials **or 10 or more test subjects.**

8. How will Observations be recorded? **Data table(s)** will need to be set up. Will a daily log of observations be included? Will photographs to document stages of experimentation be taken?

9. Identify who will benefit from knowledge you obtain from your experiment.

**Make sure you can do all these things when you make your project selection.
They will get you well on your way to a successful Science Fair project!!**