

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Number: \_\_\_\_\_

**SCIENCE FAIR PROPOSAL FORM & MATERIALS LIST**

**Category:** *Must be from Diocesan Science Fair categories list*

**Question:** *This should point out the cause and effect, which is the purpose of your experiment.*

**Hypothesis:** *“If ..., then ...” format! No personal pronouns!*

*[LEAVE BLANK – CANNOT MAKE HYPOTHESIS UNTIL YOU HAVE RESEARCHED]*

**Materials List:** *Be specific – include brand names, sizes, amounts (all in metric) – Make sure all materials are in your budget – you may not use anything belonging to the school.*

**Independent Variable:** *The thing you are changing/already know.*

**Dependent Variable:** *The result you are measuring – must be numerical data you collect.*

**Control:** *Set-up without the variable. The normal, natural situation to which you are comparing the experiment. Note: some experiments may not have a control, such as if you are comparing brand names, but you should have one if applicable.*

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**Constants:** Everything in your experiment except for the ONE factor you are changing (there should be many listed here).

How will you **measure** your data? *Try to list more than one way (examples include units to be used, types of graphs, taking averages, finding differences, etc.).*

I HAVE REVIEWED THE SCIENCE FAIR PROJECT AND MATERIALS WHICH ARE TO BE USED,  
AND I GIVE MY PERMISSION FOR \_\_\_\_\_ TO PURSUE THIS  
PROJECT.

PARENT SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY SCIENCE TEACHER: \_\_\_\_\_ DATE: \_\_\_\_\_