

# front

## Topic Selection Wizard WS

- Write your name, teacher name and due date
- Get parent/guardian signature
- Read and complete step-by-step directions

Topic Selection Wizard  
www.sciencebuddies.org

Let's prepare for the science fair.

You must obtain permission to use the internet to complete this activity. Your parent/guardian MUST sign below to indicate their agreement and supervision.

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_

DIRECTIONS: To complete this activity please follow the steps below.

- Get permission to use the internet, by signing adult acknowledgment in the space above.
- Log on to [www.sciencebuddies.org](http://www.sciencebuddies.org)
- Click on the **Topic Selection Wizard**
- Locate the Topic Selection Wizard and click on **Beginner**
- Complete the Background Information questions for each **Beginner**
- Complete the Science Interest Survey question (25 questions) and then click **Beginner**
- Click Search/Refine/Results - A list of recommended projects will be displayed. You can refine your search by clicking on the **Beginner** button.

with 2000+ Recommended projects to choose from. To view:

easy medium hard  
Beginner Intermediate Advanced

Grade: 1 2 3 4 5 6 7 8 9 10 11 12

Before choosing your Recommendation list, keep in mind the following barrier questions:

- DO NOT select any project like Fall Fair or Science Fair. These projects are ongoing. The list provides a step-by-step process to safety guidelines.
- DO NOT select difficulty level Grade 5 (INTERMEDIATE + medium)

# back

## Topic Selection Wizard WS

- Write your name, teacher name and due date
- Write your 3 project choices
- Complete the project summary for each choice

Topic Selection Wizard  
www.sciencebuddies.org

Project Title (not the chosen): \_\_\_\_\_

Project Summary

Project Title (not the chosen)	Project Summary	Teacher Approval
1	<p>Difficulty: Beginner easy 1 medium 1 hard 1</p> <p>Time Required: 1 day / 10 days / 10-15 days</p> <p>Prerequisites: 100 / 100</p> <p>Materials/Tools/Supplies: 100 / 100</p> <p>Use of Internet in Instruction: 100 / 100</p> <p>Cost: \$ _____</p> <p>Safety Precautions: 100 / 100</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not yet! See me! <input type="checkbox"/> No - incomplete
2	<p>Difficulty: Beginner easy 1 medium 1 hard 1</p> <p>Time Required: 1 day / 10 days / 10-15 days</p> <p>Prerequisites: 100 / 100</p> <p>Materials/Tools/Supplies: 100 / 100</p> <p>Use of Internet in Instruction: 100 / 100</p> <p>Cost: \$ _____</p> <p>Safety Precautions: 100 / 100</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not yet! See me! <input type="checkbox"/> No - incomplete
3	<p>Difficulty: Beginner easy 1 medium 1 hard 1</p> <p>Time Required: 1 day / 10 days / 10-15 days</p> <p>Prerequisites: 100 / 100</p> <p>Materials/Tools/Supplies: 100 / 100</p> <p>Use of Internet in Instruction: 100 / 100</p> <p>Cost: \$ _____</p> <p>Safety Precautions: 100 / 100</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not yet! See me! <input type="checkbox"/> No - incomplete

For any questions pertaining to the completion of this activity please contact Mrs. Powers / [lpowers@msa.charterschool.org](mailto:lpowers@msa.charterschool.org) (914) 889-6244

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

Teacher: \_\_\_\_\_ SENT HOME: Week of Oct 26-30, 2015



## Topic Selection Wizard

www.sciencebuddies.org

### Let's prepare for the science fair.

Before you can begin working on your science fair project you must submit your ideas for teacher approval. Perhaps the most difficult task when preparing for the science fair is deciding what to do. Your science fair project should reflect your personal science interest. The Science Buddies website is full of reference materials and project ideas design to fit your areas of interest. This activity will help you use the Topic Selection Wizard to generate a list of project recommendations from which to begin searching for your science fair project idea. The science fair is a long-term project (10-12 weeks) due around mid February 2016, more details to come.



You must obtain permission to use the internet to complete this activity.

Your parent/guardian MUST sign below to indicate their approval and supervision.

Parent/Guardian Signature: \_\_\_\_\_

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



**DIRECTIONS:** To complete this activity please follow the steps below.

1. Get permission to use the internet, by signing adult acknowledgement in the space above.
2. Log on to [www.sciencebuddies.org](http://www.sciencebuddies.org)
3. Click on the **Find a Project Idea**
4. Locate the Topic Selection Wizard and click on **Get Ideas!**
5. Complete the Background Information questions then click **Continue**
6. Complete the Science Interest Survey questions (26 questions total) then click **Make Recommendations**
7. Locate Search Refinements - 4-5Gr can select **DIFFICULTY** level **Beginner/Easy** to **Intermediate/Medium**



### Topic Selection Wizard

and **TIME** Requirement of no more than 10 days

easy			medium			hard			easy			medium			hard			
I			I			I			I			I			I			
Beginner			Intermediate			Advanced												
K	1	2	3	4	5	6	7	8	9	10	11	12						
Grade																		

8. Before reviewing your Recommendation list, keep in mind the following teacher specifications:

- **DO NOT** select any project titles that have an asterisk (\*) at the end. These projects are incomplete. They don't provide a step-by-step procedure or safety guidelines.
- **DO NOT** exceed difficulty level Grade 6 [INTERMEDIATE / medium]

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

Teacher: \_\_\_\_\_ SENT HOME: Week of Oct 26-30, 2015



**Topic Selection Wizard**  
www.sciencebuddies.org

9. Review your list of Recommendation with your parent/guardian. Position the cursor over the title to view important information, such as:

- Time Required – How much time is required to complete the experiment portion of the project?
- Prerequisites – What science concepts or vocabulary the student needs to know to successfully complete this project?
- Material Availability – Where to locate and/or order special materials or equipment?
- Cost – How much do the materials cost?
- Safety – What safety precautions are required by the student scientist and volunteers, if any, participating in the project?

10. Save your selections to "My Favorites" by clicking on the heart icon

at the far right of each project title (open a FREE account to save your favorites).

11. View your Favorites list and select 3 project titles that interest you the most and write them in order of preference in the table below.

Project Title (full title please)	Project Summary	Teacher Approval
1 <sup>st</sup> Choice	<p>Difficulty: Beginner easy / medium / hard Intermediate easy / medium</p> <p>Time Required: 1 day / 2-5 days / 6-10 days</p> <p>Prerequisites: YES / NO</p> <p>Materials Readily Available: YES / NO</p> <p>Use of Animals or Volunteers: YES / NO</p> <p>Cost: \$ _____</p> <p>Safety Precautions: YES / NO</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Not yet! See me</p> <p><input type="checkbox"/> No - Incomplete</p>
2 <sup>nd</sup> Choice	<p>Difficulty: Beginner easy / medium / hard Intermediate easy / medium</p> <p>Time Required: 1 day / 2-5 days / 6-10 days</p> <p>Prerequisites: YES / NO</p> <p>Materials Readily Available: YES / NO</p> <p>Use of Animals or Volunteers: YES / NO</p> <p>Cost: \$ _____</p> <p>Safety Precautions: YES / NO</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Not yet! See me</p> <p><input type="checkbox"/> No - Incomplete</p>
3 <sup>rd</sup> Choice	<p>Difficulty: Beginner easy / medium / hard Intermediate easy / medium</p> <p>Time Required: 1 day / 2-5 days / 6-10 days</p> <p>Prerequisites: YES / NO</p> <p>Materials Readily Available: YES / NO</p> <p>Use of Animals or Volunteers: YES / NO</p> <p>Cost: \$ _____</p> <p>Safety Precautions: YES / NO</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Not yet! See me</p> <p><input type="checkbox"/> No - Incomplete</p>