



# ***The 2019 Westover Elementary Science Fair!***

***Thursday (Evening), March 14, 2019***

[www.westovercommunityalliance.org](http://www.westovercommunityalliance.org)

**Brainstorming Workshop (Feb 7, 2019, 7pm)**

- **All** students in Grades K-5 are eligible to participate.
- A special format is available for students in Grades K&1
- and...prizes will be awarded to Grade 5 participants who wish to enter the competition.\*

**Grades K&1** students can choose to do an in-depth study of a particular theme. Each student selects a theme, designs & conducts a study, then presents the results.

*An example is:*

Theme: The Great Pacific Garbage Patch

Question: What causes the Great Pacific Garbage Patch?

Demonstration: Build a water model showing how water currents might cause a garbage patch.

Record Observations: Draw a picture, take a photo, or present the actual model results.

Present the results (data) at the fair!

**Grades 2–5** students and those in Grades K&1 who choose to, will complete a standard science fair investigation. This includes each student asking a testable question, stating a hypothesis, conducting trials & analyzing data.

*An example is:*

Question: What affects how long a top spins?

Hypothesis: Initial speed, spinning surface, shape of top, top weight.

Experiments: Performance of tops differing in one property are compared.

Record observations: Duration of spinning is measured.

Present the results (data) at the fair!

Everything to participate in the Fair (guides) can be found:

1. Online at **[www.westovercommunityalliance.org](http://www.westovercommunityalliance.org)**,
2. Email attachment – please send request to [timmerino@gmail.com](mailto:timmerino@gmail.com)
3. Paper copy – please indicate on the form on the reverse side of this sheet.

**Here is how to participate:**

1. Think about a topic you would like to explore. Take inspiration from the world around you. Think about our recent weather or recent science topics in the news. There are a tremendous number of ideas available online. We will have an evening of brainstorming on **Feb 7, 2019** !

2. Fill out the following form & submit it to your teacher **or** have your parent/guardian email the information to **timmerino@gmail.com by Friday, February 22, 2019.**
3. Design a science project according to the format described in the Science Fair packet that will be distributed when we receive your form. Make sure to check off which format you will be following.
4. Gather materials & fill out the study/investigation organizer found in the Science Fair packet.
5. Presentation Boards will be provided free of charge to all participants. These boards will be distributed at school (details to follow).

We hope everyone will participate in this fun & exciting opportunity! If you have any questions, please do not hesitate to contact Timmer Horiuchi, at [timmerino@gmail.com](mailto:timmerino@gmail.com)

**Brainstorming Workshop:** on Thursday, Feb 7, 2019 we will hold a brainstorming session at 7pm with several professional scientists/engineers on-hand to answer questions and to help you and your little scientist brainstorm some ideas.

\*Only Grade 5 projects are eligible for the competition and review by guest judges. A minimum of 3 participants will be needed to hold the competition.

Brought to you by: the Westover Community Alliance (PTO)

**YES, I want to participate in the 2019 Westover Elementary Science Fair!**

Student Name:

Teacher's Name:

Contact Email:

Guardian Name:

Guardian Signature:

Will you attend the brainstorming session?    Yes    No

Grade 5 students, do you want your project in the competition? (circle one)    Yes    No

Please pick an option for receiving a paper copy of:

☐ Special Format for Grades K & 1st

☐ Standard Fair format (default for Grades 2-5; (optional for Grades K & 1st)

☐ Both formats

☐ No paper please, I'll get my information online

***Return this form by February 22, 2019 to your teacher to the attention of: Science Fair, or have a parent or guardian email the information to: [timmerino@gmail.com](mailto:timmerino@gmail.com)***

(Science logo graphics from: [www.flaticon.com](http://www.flaticon.com))