

# Westbriar Virtual Elementary Science Fair 2021

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**Kids tired of looking into the computer screen all day? Encourage them to participate in Westbriar's Virtual Science Fair!**

**Our Virtual Science Fair is open for all Westbriar students from Grades K through 6. This year, the theme is "Exploring Science with Hands-On experiments".**

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## *How can students participate?*

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**Register online** at the Westbriar PTA Web site, <http://westbriarpta.org/sciencefair>. If you are not able to register online, email the Science Fair chairperson (contact information below).

**All Science Fair participants MUST register.** The registration deadline is **April 26, 2021**.  
**Registration is open.**

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## *Preparing Your Project*

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Go to the Science Fair page of the Westbriar PTA website where you'll find documents helpful in preparing your project including project ideas, project guidelines, and links to resources.

**Step 1:** Select a Science experiment (click [here](#) for ideas).

Alternately, build a device or model (click [here](#) for guidelines)

**Step 2:** Perform experiment and prepare findings.

**Step 3:** Go to <https://flipgrid.com/79e31bac> and use your laptop camera to make a 1-to-5-minute video presenting your experiment and findings or showcase your device or model.

**Step 4:** Alternately, **download the flipgrid app** on your device and create the video.

**Step 5:** Ensure that the video is uploaded by midnight, May 9<sup>th</sup>, 2021.

**Step 6:** The Virtual Science Fair will be open from May 10<sup>th</sup> to May 16<sup>th</sup> for Westbriar students and parents to view and applaud!

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## *Highly Recommend: Build a device or model*

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**Choose a Science track to base your experiments upon – choose from:**

- **Physics** (example: build stable structures, structures holding weight, mechanical models, astronomical models etc.)
- **Chemistry** (example: safe chemical reactions, models for atoms/molecules/complex structures, catalysts etc.)
- **Biology** (example: plant growth, cell/DNA models, microbiology experiments/structures etc.)
- **Mathematics** (example: architecture, computational models etc.)
- **Engineering** (example: motor-based devices, mechanical devices, electrical devices/models etc.)

**Questions?** Contact Roopa Chowbey at [rchowbey@gmail.com](mailto:rchowbey@gmail.com)