



Toshiba/NSTA ExploraVision Grades 4-6 Project Submission Template

Updated August 2024 for the 2024-2025 Toshiba/NSTA ExploraVision Competition for Grades 4-6 student derived projects.

Please visit www.exploravision.org for competition guidelines, rules and more information.

Grades 4-6 Presentation Format Overview

At the start of each section, you will find the following:

- Detailed information and guidelines pertaining to that section
- One slide must submitted for each section.
- All slides are pre-formatted. Do not change the header titles or bottom footer page numbers.
- **Future technology, breakthroughs and design process** sections may include up to 3 slides total. They are marked Optional. If unused, mark clearly as "N/A"
- All entries that use the presentation format must use this 2024-2025 Toshiba/NSTA ExploraVision Style Guide

For more information on the rules and requirements for the competition, visit www.exploravision.org or email exploravision@nsta.org.

How to submit projects

- Coaches are required to register teams and upload the PDF versions of the presentation before the **January 31, 2025** deadline.
- All 16 project pages and 5 sample (total 21 project pages) web pages for each team should be scanned or saved as **one PDF**.
- Upload online at www.exploravision.org.
 - The instruction pages **should be removed**. Acceptable project pages are numbered Project Page 1-21 in this document.
 - Blank pages should be marked with "N/A" for pages intended to omit information. At least one page is required for all sections.

Grades 4-6 Style Guide Font Size and Page Layouts

- **Font:** New Times Roman
- **Background:** All white no color for project portion pages 1-16
Sample web pages may use color
- **Header font size:** 28-44 in font size and bolded
- **Text body font size:** 18-24 in font size not bolded

Do not create a slide title as all projects must be submitted online.

Tip: It's helpful to save your file as your team's project name.

Note: If your title is extremely long, write once and create an acronym to be used throughout the project.

Grades 4-6 Style Guide Use of Images

Use of two images are allowed throughout the presentation and follow the template included on the appropriate pages.

1. Future technology template page – showcase prototype
 2. History section (optional) – showcase any image to convey advancements
 3. Breakthrough section (optional) – showcase any image to convey advancements
- No animation should be associated with images.
 - No videos or identifying information (school name, team members, students, coaches, etc.) should be included on any slides.

Abstract Section

Replace text below for this slide

- Abstract of no more than 150 words that summarizes the proposed future technology and other relevant information must precede other project components.
- No name of school/student/teacher should be stated as it's a blind judging.

Present Technology

Replace text below for this slide

- Give overview of chosen technology's current form, including scientific principles involved in its functioning.
- Define a problem or limitation of this current technology that you will address in your ExploraVision project.

History

**Insert image here
(optional)
no videos or gifs**

Replace text below for this slide

- Research and describe the history of the technology from its inception.

Future Technology – Slide 1

**Insert image here
(optional)
no videos or gifs**

Replace text

- Describe the team's vision for what this technology will be in the future, including scientific principles involved in developing the technology.
- Include an image of the prototype within this section.
- For this section up to 3 slides may be used and are included. Labeled Grades 4-6 Future Technology 1, 2, 3.

Future Technology – Slide 2 (optional)

Insert image here
(optional)
no videos or gifs

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- Describe the team’s vision for what this technology will be in the future, including scientific principles involved in developing the technology.
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Future Technology – Slide 3 (optional)

Insert image here
(optional)
no videos or gifs

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- Include an image of the prototype within this section.
- For this section up to 3 slides may be used and are included. Labeled Grades 4-6 Future Technology 1, 2, 3.

Breakthroughs– Slide 1

**Insert image here
(optional)
no videos or gifs**

Replace text.

- Research and describe breakthroughs that are necessary to make the future technology design a reality.
- Describe why this future technology doesn't exist today.
- Choose one of your required breakthroughs and describe an investigation that would have to be planned and carried out to test your ExploraVision project.
- If possible, include the kind of data or measurements that would be collected in the investigation.
- Include an image of the prototype within this section.
- For this section up to 3 slides may be used and are included. Labeled Grades 4-6 Future Technology 1, 2, 3.

Breakthroughs– Slide 2 (optional)

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Design Process – Slide 1

Replace text.

- Describe three alternative ideas of features the team considered for their project. The ideas and features should be directly related to the project, not a list related to other projects submitted in previous years or by other participants.
- Describe why the team rejected each feature and idea in favor of the ones in the submitted technology.
- Describe how your future technology feature is better than the rejected design feature.
- Up to 3 slides may be used for this section and are clearly labeled. See style guide.

Design Process – Slide 2 (optional)

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Consequences

Replace text

- Recognizing that all technologies have positive and negative consequences, describe the potential positive and negative consequences of the new technology on society

Bibliography

Replace text

- All sources used in researching the chosen technology should be referenced in the Bibliography. Use as many slides needed for the bibliography section.
- Sources must be clearly labeled and include title, author, publisher, and copyright date.
- Visit www.exploravision.org for more information.

Bibliography – 2 (optional)

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Bibliography – 3 (optional)

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Sample Web page – 1

- Students are to create up 5 sample web pages of how they would communicate their ideas on a website.
(No need to create an actual website. Hand drawn pages are acceptable.)
- The team's future innovation/prototype must be featured.
- Feel free to use the slide template space or download the sample web page template online - <https://www.exploravision.org/project-format>

Sample Web page – 2

- Students are to create up 5 sample web pages of how they would communicate their ideas on a website.
- The team's future innovation/prototype must be featured.
- Feel free to use the slide template space or download the sample web page template online - <https://www.exploravision.org/project-format>

Sample Web page – 3

- Students are to create up 5 sample web pages of how they would communicate their ideas on a website.
- The team's future innovation/prototype must be featured.
- Feel free to use the slide template space or download the sample web page template online - <https://www.exploravision.org/project-format>

Sample Web page – 4

- Students are to create up 5 sample web pages of how they would communicate their ideas on a website.
- The team's future innovation/prototype must be featured.
- Feel free to use the slide template space or download the sample web page template online - <https://www.exploravision.org/project-format>

Sample Web page – 5

- Students are to create up 5 sample web pages of how they would communicate their ideas on a website.
- The team's future innovation/prototype must be featured.
- Feel free to use the slide template space or download the sample web page template online - <https://www.exploravision.org/project-format>

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