



Toshiba/NSTA ExploraVision K-3 Project Submission Template

Updated August 1 for the 2024-2025 Toshiba/NSTA ExploraVision Competition for Grades K-3 student derived projects.

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

How to use the Grades K-3 Storyboard Template

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

- detailed information and guidelines pertaining to that section.
- a flexible template (e.g. you can handwrite on paper, use slides, Google Slides/MS Powerpoint or coaches can insert images of hand-drawings that the students have created).
- Do not include a title page as you will submit this online.
- Do not include identifying information - school/student/teacher names or images.

How to submit projects

- Coaches are required to register teams and upload the PDF versions of the storyboards before the **January 31, 2025** deadline.
- All 20 project storyboard pages for each team should be scanned or saved as a PDF and uploaded 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.

Abstract Section

- The Abstract section summarizes the proposed future technology and other relevant information must precede other project components and should be included in the space provided on the template.
- All project work should be the students' original and handwritten work or photograph of their work.
- This section should not include any drawings.

Grades K-3 Abstract Template

Present Technology

- 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.
- Use of images and narrative will be required for this and all sections.

Grades K-3 Present Technology Section Template

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

History

- Research and describe the history of the technology from its inception
- Use of images and narrative will be required for this and all sections.

Grades K-3 History Section Template

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

Future Technology

- 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 here.
- For this section up to 3 template pages may be used and are included. Labeled Grades K-3 Future Technology Template 1, 2, and 3.
- Use of images and narrative will be required for this and all sections.

Grades K-3 Future Technology Template - 1

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

Grades K-3 Future Technology Template – 2 (optional)

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

Grades K-3 Future Technology Template – 3 (optional)

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

Breakthroughs

- 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.
- Up to 3 pages may be used for the section and are clearly labeled.
- Use of images and narrative will be required for this and all sections.

Grades K-3 Breakthroughs Template - 1

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

Grades K-3 Breakthroughs Template – 2 (optional)

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

Grades K-3 Breakthroughs Template – 3 (optional)

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

Design Process

- 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 pages may be used for this section and are clearly labeled.
- Use of images and narrative will be required for this and all sections.

Grades K-3 Design Process Template – 1

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

Grades K-3 Design Process Template – 2 (optional)

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

Grades K-3 Design Process Template – 3 (optional)

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

Consequences

- Recognizing that all technologies have positive and negative consequences, describe the potential positive and negative consequences of the new technology on society.
- Use of images and narrative will be required for this and all sections.

Grades K-3 Consequences Template

Insert drawing
here
Landscape or
Portrait Image
Orientation is
accepted

Bibliography

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

Grades K-3 Bibliography Template - 1

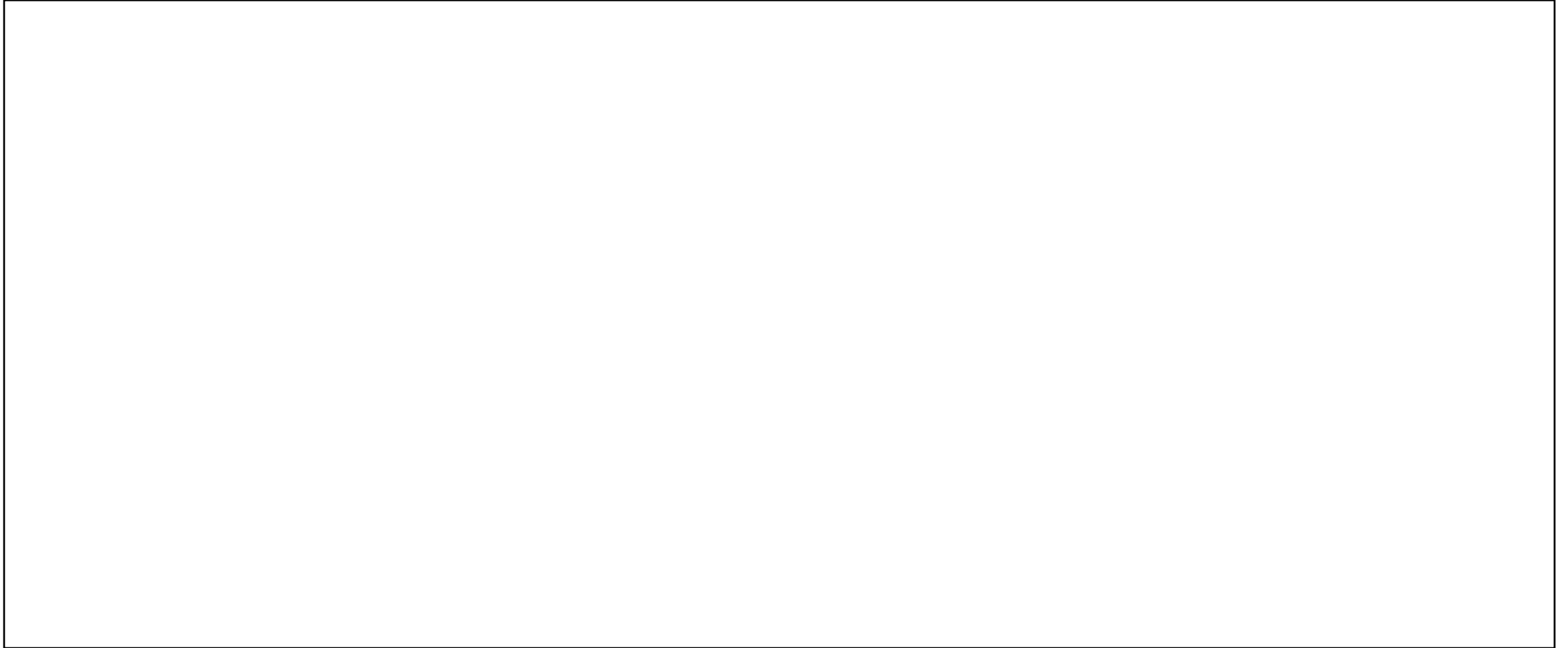
Grades K-3 Bibliography Template – 2 (optional)

Grades K-3 Bibliography Template – 3 (optional)

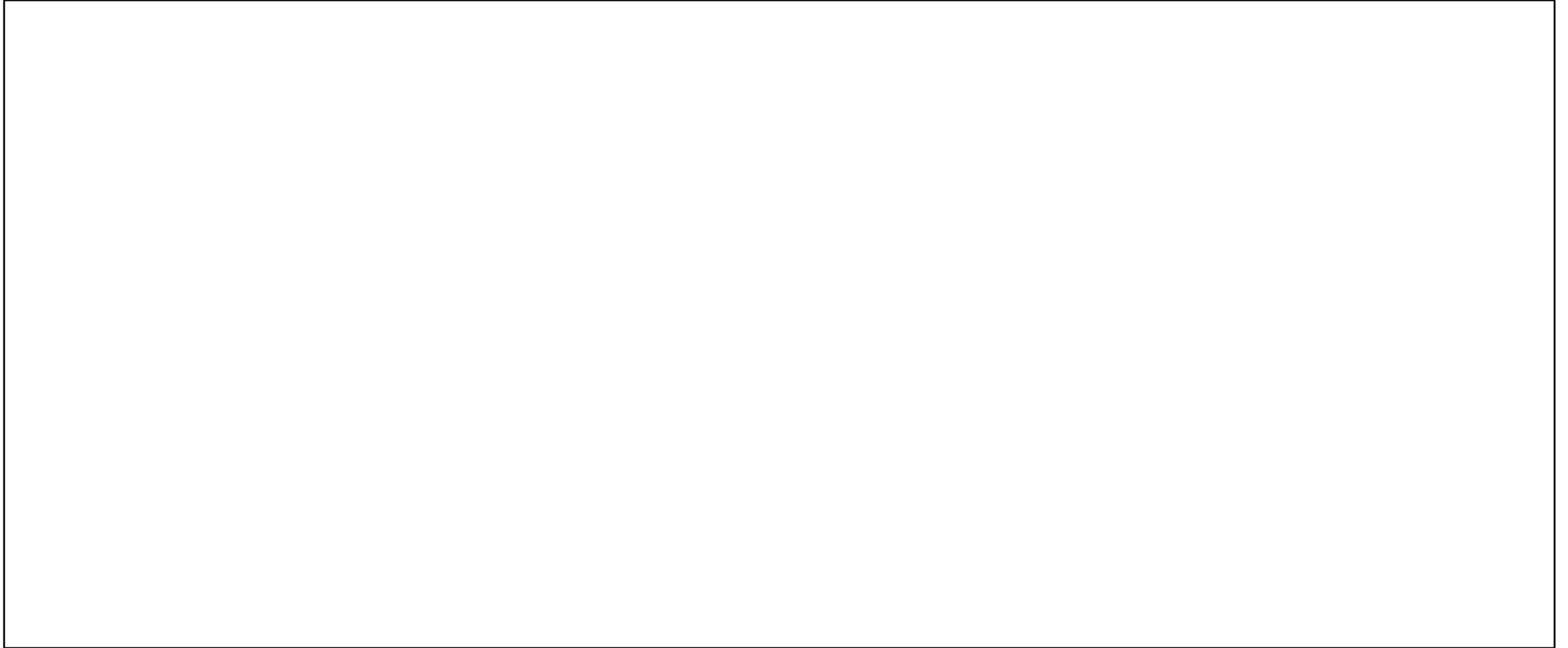
Sample Web Page - 1

Note: No Need to Create a Website! Hand drawn pages are acceptable. The team's future innovation/prototype must be included. (delete these notes after you draft a sample web page.)

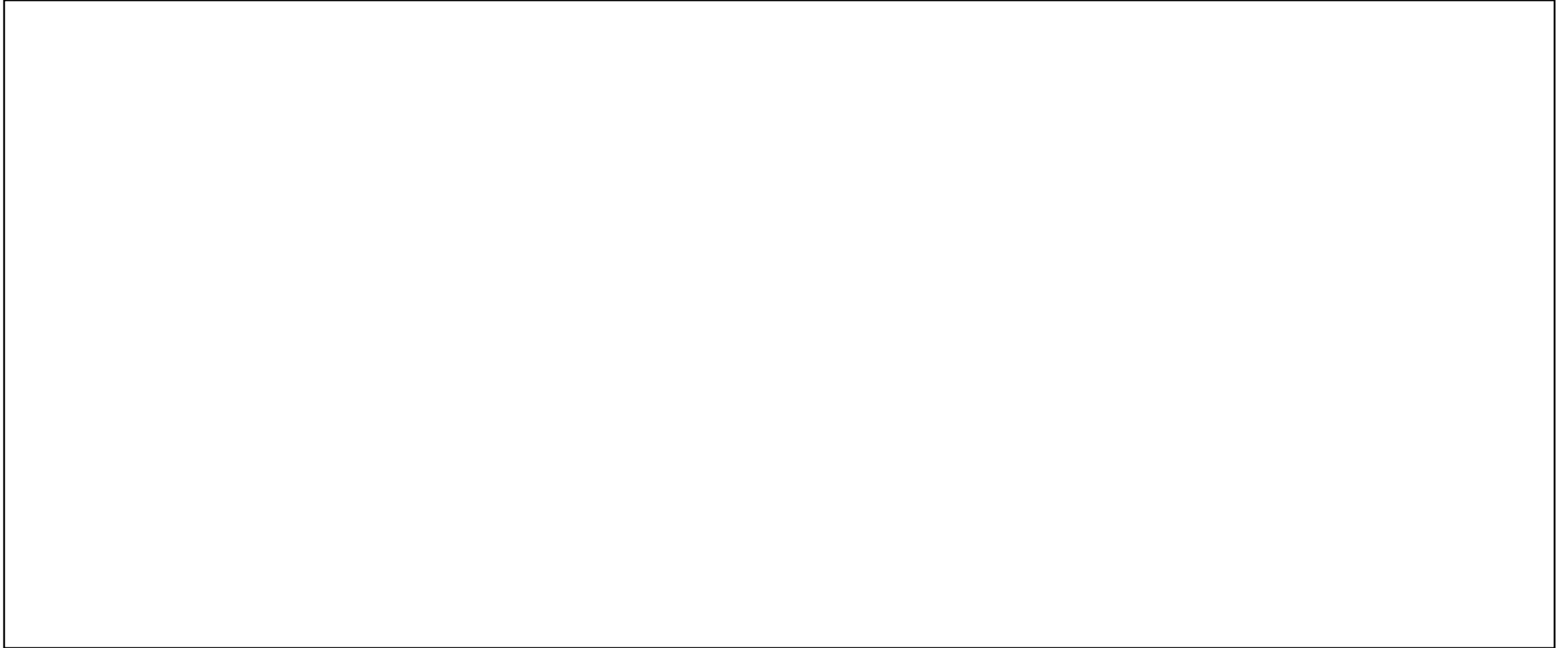
Sample Web Page - 2



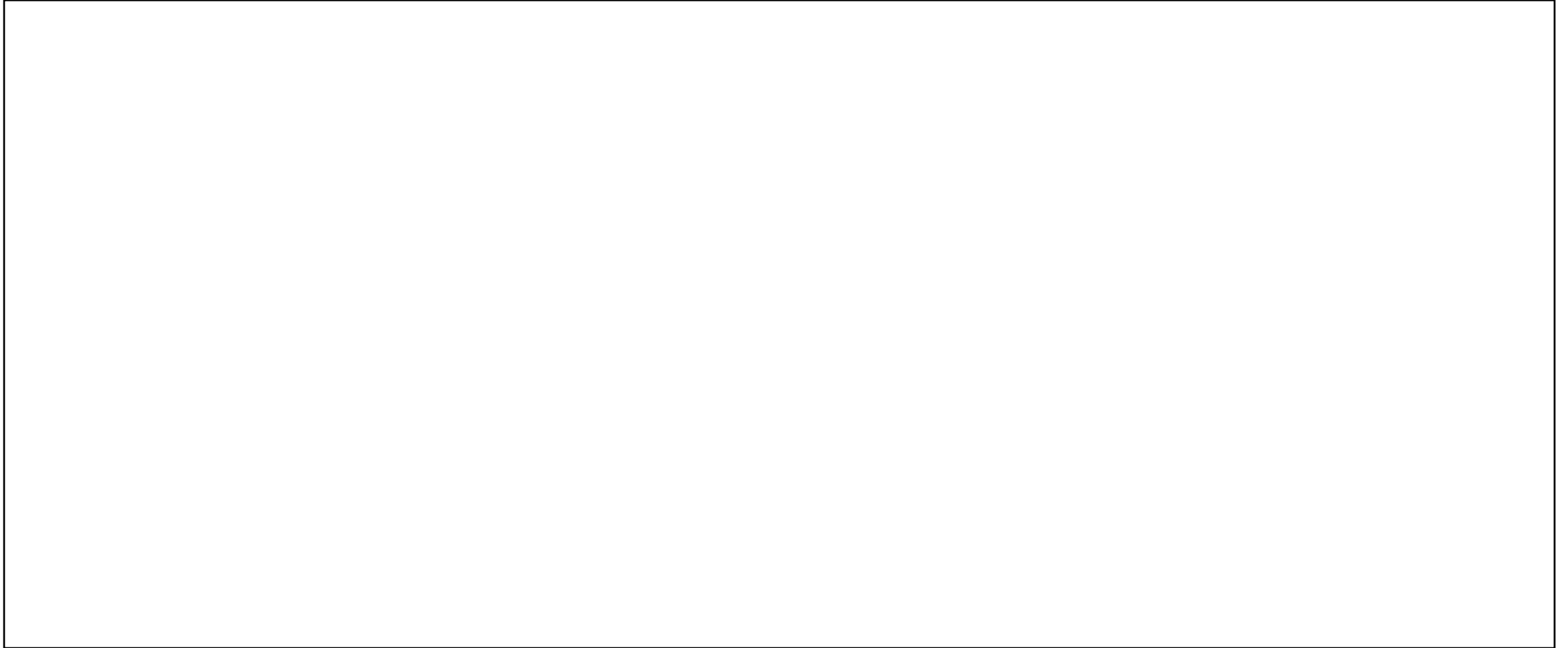
Sample Web Page - 3



Sample Web Page - 4



Sample Web Page - 5



How to submit projects

- Coaches are required to register teams and upload the PDF versions of the storyboards before the **January 31, 2025** deadline.
- All 20 project storyboard pages for each team should be scanned or saved as a PDF and uploaded 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.