

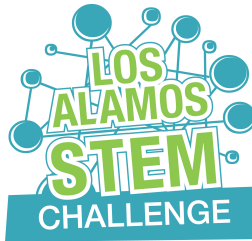


Video Design Template

The following design elements should be included in your video in order to meet the LANL STEM Challenge submission requirements. Be original in how you design and communicate these points. A good video must have the right balance of image, sound, transitions, and narration. The video must communicate your idea in an engaging and interesting way. Be creative!

Required Elements

- 1. Title:** Name your proposed STEM design.
- 2. Tag Line:** Communicate your STEM design in a dramatic and memorable way.
- 3. Highlight three key Features:** Highlight three to five key features, benefits, or advantages of your STEM Design.
 - Photographs could show the people or location that it would serve.
 - Bullets could highlight why it would be important or useful.
 - Drawings might show why someone would want to use it, build it, have it, etc.
 - Infographics could illustrate how it would help people, your community, the world.
- 4. STEM Research in three bullet points:** Using images, drawings, diagrams, infographics, or any combination of these, show your supporting research.
 - A diagram could show how it works.
 - A chart could show statistics behind the design.
 - Drawings could illustrate how it would be built.
 - Text might describe the science behind the design.
- 5. Video Storyboard template:** Using a storyboard to design your video is an essential part of making a movie. We have included one in this document, and there are many free alternatives online. Submitting a completed storyboard is one of the requirements of the video category.
 - The STEM-WIKI has some helpful articles on creating a storyboard. Enter the word “storyboard” in the wiki search field to find them.



Video Design Template

Submission Requirements: You can create your video in a free moviemaking program like iMovie or Moviemaker. The final video must meet the specifications below to be accepted.

- URL link to the video (uploaded to YouTube or Vimeo)
- Maximum of three to four minutes in length
- Completed storyboard template
- The design elements outlined above must be included
- Link to team Pinterest Board
- STEM Challenge Survey completed (online)

Resources: The [LANL STEM Challenge website](#) has links to websites and blogs with great tips and tools for designing your video. Search on YouTube for videos that you like, and use them as examples. Read articles, and do some research on your own so that you have a good understanding of how to design a video.

Documentation: Remember that keeping an active Pinterest board documenting every stage of the design process will win you points in the Challenge competition! Here are some ideas:

- If you find a great website or tool, pin it!
- Explore other Pinterest boards, and repin to your board.
- As you do research for your essay, post them right away into Pinterest. This way, you have a personal bulletin board to share with the team. This helps for brainstorming.