

How To Guides

Volume # 9: Abstract

OVERVIEW

The **Abstract** is a separate section of the submission that is completed after the [Description](#) and [Technology Launch Flyer](#) are finished. The Abstract is not part of the page limit for the Description and should not be part of the Description. An Abstract is a summary of the entire team's project and not an introduction to the Description. The Abstract is written in 150 words or less. It is recommended that the summary should let the audience know the following: what is the problem with the current technology, what is the future technology, how does the future technology work, how will the future technology be used in 10 or more years, and why the future technology matters.

“Abstract: *An abstract of no more than 150 words that summarizes the proposed future technology and other relevant information must proceed other project components. The Abstract should be on a separate page and does not count as part of the Description components.”*

RUBRIC

This section is worth 4% of the entire project. It will be worth four points based on the following criteria:

- Did the team provide an Abstract of 150 words or less that summarizes their submission? (4 pts)

STEPS

Below are suggested steps teams can use when writing the team's Abstract.

1. Write the Abstract using the suggested prompts below as guides.
 - a. Start with the problem
 - i. What isn't working well with the present technology?
 - b. Name the future technology
 - i. What is the future technology?
 - ii. What will it do?
 - c. Explain how it will work
 - i. What scientific principle makes it possible?
 - ii. What breakthrough makes the future technology different?
 - d. Show the future technology in ten or more years
 - i. What will this technology do in the future?
 - ii. Who will use it?
 - iii. Where or how might it be used?
 - e. Explain why does the future technology matter
 - i. What positive difference could it make?
2. Edit the Abstract to 150 words or less if needed
 - a. Check to ensure it does not repeat large sections of the Description
 - b. Check to make sure it does not include any student, teacher, or school names

3. Submit the Abstract to the coach. The coach copies and pastes the Abstract separately into the Abstract section which is not part of the Description or the Technology Launch Flyer.