



2019 Engineering Summary for Elementary School Teams

Weighted Grade: 100%

Formatting

Black Text with 11 / 12 Point Font; with Arial, Verdana, or Calibri Typeface; and 1.5 Line Spacing

Content

1. Title Page (15%)

Including:

- School Name
- Robot Name
- Team Members (first names only)
- Coach Name
- Division Playing
- Challenge Playing
- Name and signature of the person who read this report before you submitted it

15%	0%
All information is included and text is easy to read.	Some information is missing and/or the text is hard to read.

2. Summary Page (70%)

Paragraph 1:

Introduce the team and explain the challenge you will be competing in at RoboRAVE International. Describe how you worked together as a team to prepare for the competition.

Paragraph 2:

Explain in your own words what a robot is.

Paragraph 3:

Describe how your team used a specific idea from math, science, or engineering to solve a specific problem in building, programming or testing your robot. You may use illustrations to help explain your ideas.

70%	35%	0%
<p>Writing is clear and easy to understand.</p> <p>You often used precise words from robotics or math or science in your writing.</p>	<p>Writing is sometimes easy to understand and sometimes confusing.</p> <p>Precise words from robotics or math or science are used occasionally.</p>	<p>Writing is confusing.</p> <p>Precise words from robotics or math or science are seldom or never used.</p>
<p>No words are misspelled.</p>	<p>2-3 words are misspelled.</p>	<p>4 or more words are misspelled.</p>
<p>All of your sentences begin with a capital letter and end with a period.</p>	<p>Some of your sentences begin with a capital letter and end with a period.</p>	<p>Most of your sentences don't begin with a capital letter or end with a period.</p>

3. Robot Photo Page (15%)

Include 2 photos of your robot:

- Clear front view photo of your robot. The photo must include a ruler in the picture for size reference and be labeled "front view."
- Clear side view photo of your robot. The photo must include a ruler in the picture for size reference and be labeled "side view."

15%	0%
<p>Clear, labeled front and side photos of your robot, each including a ruler.</p>	<p>You are missing one or both photos, or did not include a label or a ruler.</p>