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# 2020 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)
- Name & signature of the person who read this report before you submitted it
- Coaches Name
- Division
- Challenge

0% to 10%	11% to 15%
Some information is missing and/or the text is hard to read.	All information is included and text is easy 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.

**Summary Page Rubric:**

0% to 34%	35% to 60%	61% to 70%
<p>Writing is confusing.</p> <p>Precise words from robotics or math or science are seldom or never used.</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 clear and easy to understand.</p> <p>You often used precise words from robotics or math or science in your writing.</p>
<p>4 or more words are misspelled.</p>	<p>2-3 words are misspelled.</p>	<p>No words are misspelled.</p>
<p>Most of your sentences don't begin with a capital letter or end with a period.</p>	<p>Some of your sentences begin with a capital letter and end with a period.</p>	<p>All of your sentences begin with a capital letter and 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."

0% to 10%	11% to 15%
<p>You are missing one or both photos, or did not include a label or a ruler.</p>	<p>Clear, labeled front and side photos of your robot, each including a ruler.</p>

**4. Submittal Instructions:** Please ensure your Engineering Summary is submitted to the Event Coordinator one month prior to the event's start date.

For Example: If the event you are attending begins on the 5<sup>th</sup> of May, the report is due **NO LATER THAN** the 5<sup>th</sup> of April