

Honors MYP Chemistry
 Criterion B: Communication in Science
 How can something so small be so powerful?

Communication in science enables students to develop the communication skills to become competent and confident when communicating information in science.

Students should be able to:

- Use scientific language correctly
- Use appropriate communication modes and formats
- Acknowledge the work of others and the sources of information used by appropriately documenting them using a recognized referencing system.

Your Task: Students will communicate by writing one paragraph (200-250 words) about the unit question: How can something so small be so powerful? We've been exploring small subatomic particles, and you now have an opportunity to explore how this concept applies to other areas of science. Possible topics include nuclear power, atomic bomb, nanotechnology, bacteria/viruses, and computers. Use the following rubric to guide your research and writing.

Level	Descriptor	Indicator
0	The student does not reach a standard described by any of the descriptors given below.	Not reached a standard described by any of the indicators given below
1-2	The student uses a limited range of scientific language correctly . The student communicates scientific information with limited effectiveness . When appropriate to the task, the student makes little attempt to document sources of information.	Used limited scientific vocabulary to explain how something small is powerful. Topic is unclear with poor organization. Have a bibliography with 1 category of credible sources (academic journal from data base, popular magazine, authoritative website). Attempted to in-text reference for a quote or paraphrase.
3-4	The student uses some scientific language correctly. The student communicates scientific information with some effectiveness . When appropriate to the task, the student partially documents sources of information.	Used some scientific vocabulary correctly to explain how something small is powerful. Topic is identified with basic organizational format. Have a bibliography that is mostly correct with 2 categories of credible sources (academic journal from data base, popular magazine, authoritative website). Attempted in-text references for both quotes and paraphrases.
5-6	The student uses sufficient scientific language correctly. The student communicates scientific information effectively .	Used sufficient scientific vocabulary correctly to explain how something small is powerful. Clear topic with well explained body of paragraph and effective closing sentence.

	<p>When appropriate to the task, the student fully documents sources of information correctly.</p>	<p>Have a completed correctly formatted bibliography with 3 categories of credible sources (academic journal from data base, popular magazine, authoritative website). In-text referenced correctly for both quotes and paraphrases.</p>
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