

# Mechanical Properties of Metals 120

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After you complete the class, return to the page with the class vocabulary list on it.

Write a report (3–5 paragraphs) about a manufactured object of your choice. Using the words from the vocabulary list, describe the mechanical properties that are related to your object for example the fork from the class material. Underline all vocabulary words used in your report.

1. Your first paragraph should introduce the reader to what your item is. Tell the reader what it is made of and what it is to be used for.
2. Your next paragraph(s) should begin with a sentence that tells the reader which properties are needed for your object to perform its task.
3. Your next paragraph(s) should tell about ways to test the material that your object is made of.

## Writing tips

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A report is a type of writing used in the workplace that provides facts to inform the reader. When you write a report, you must know the audience who will read your report. How much detail do you need to give for the reader to understand the report?

When you start each paragraph, give your reader an idea of the topic covered in that paragraph and then provide the details. Each paragraph should focus on one topic.

Use words like *next*, *another*, *when*, *also*. You should also repeat important words throughout the report to make connections clear.

Make sure that each sentence is complete and clear. One confusing sentence can make the entire report difficult to understand.



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