# Steps to building a concept map

**Step 1**: Define the research question

**Step 2**: Choose concepts

**Step 3**: Arrange concepts hierarchically

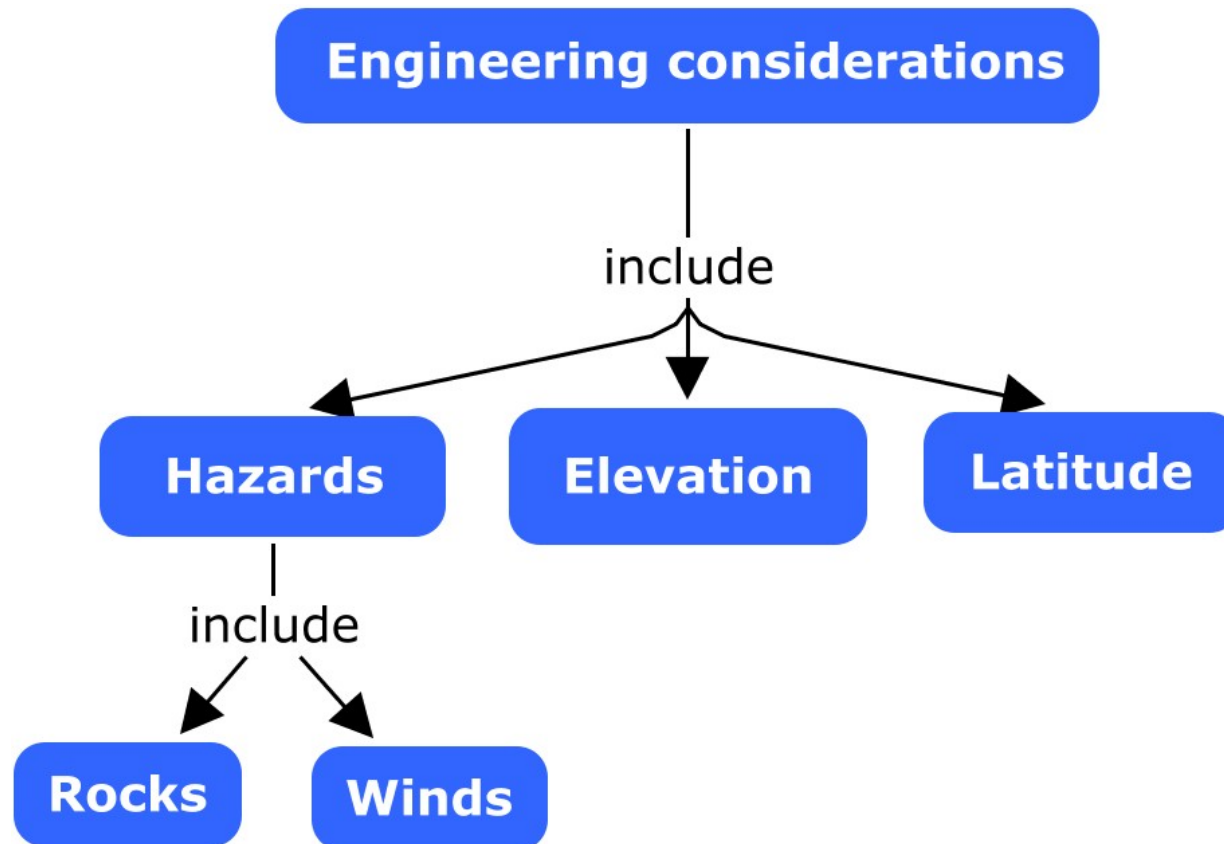**Step 4**: Connect concepts with words or phrases

# Mars Rover landing safety

The graduate researcher is investigating engineering considerations for Mars rover landing safety, including hazards, elevation, and latitude.  Hazards the researcher is concentrating on are rocks and wind.

# Mars Rover landing safety

The graduate researcher is investigating <u>engineering considerations</u> for Mars rover landing safety, including <u>hazards</u>, <u>elevation</u>, and <u>latitude</u>.  Hazards the researcher is concentrating on are <u>rocks</u> and <u>wind</u>.

# Mars Rover landing safety

# Concept mapping activity

**Step 1**: Define the research question

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**Step 3**: Arrange concepts hierarchically

**Step 4**: Connect concepts with words or phrases

# Get/Give feedback

- Is the map easy to follow?

- Are there concepts that should be added or removed?

- Are the concepts arranged in a logical manner?

- How does it contribute to your understanding of the subject area?