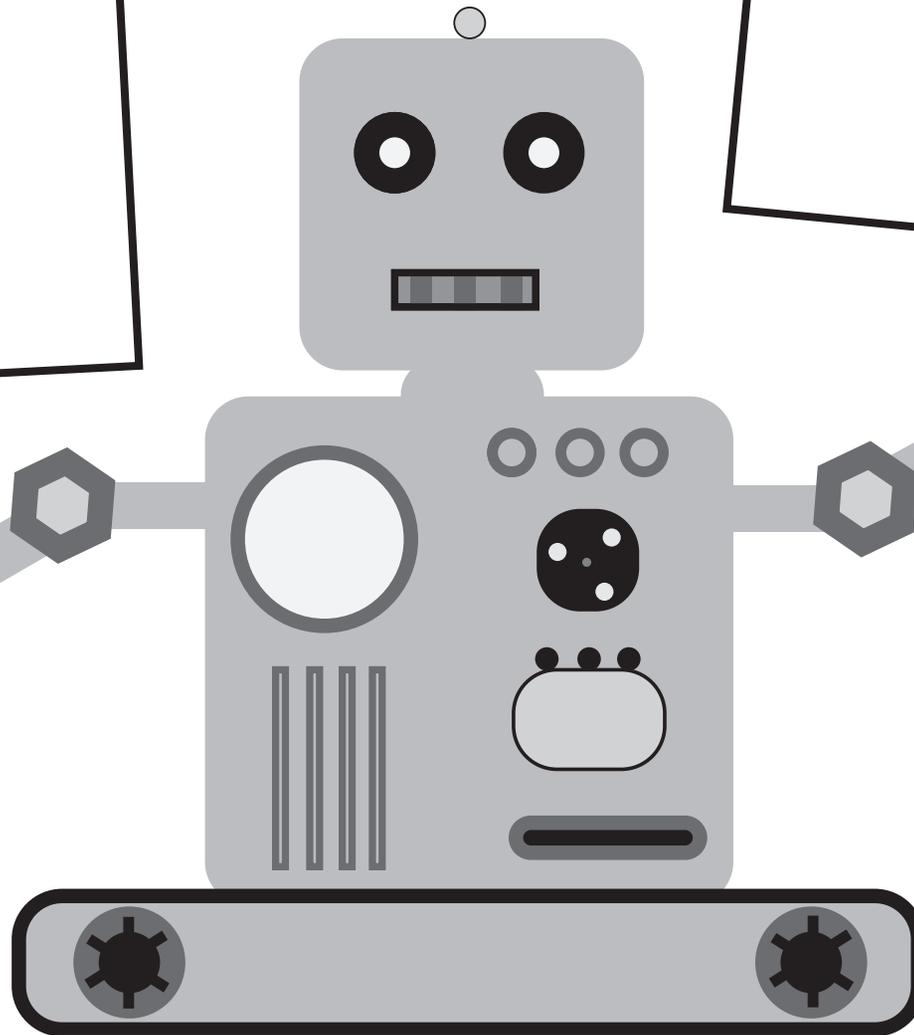
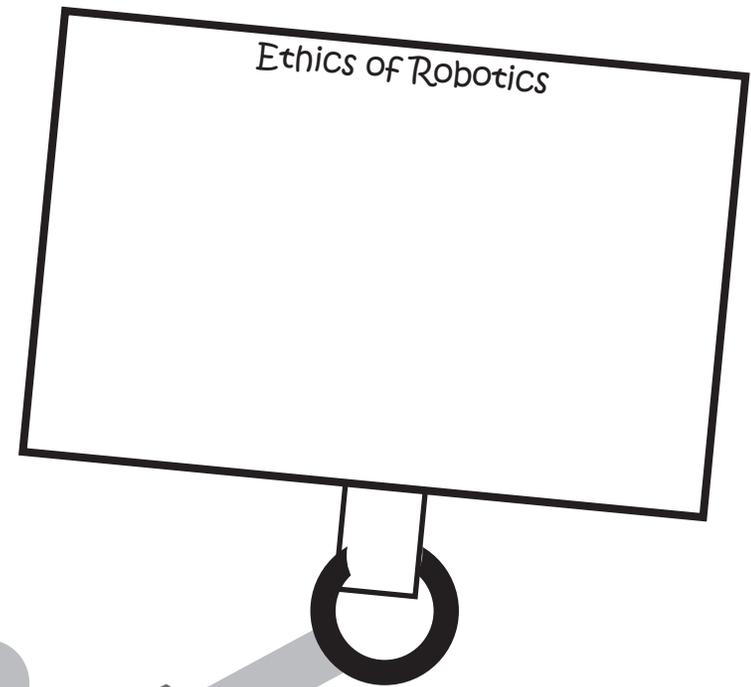
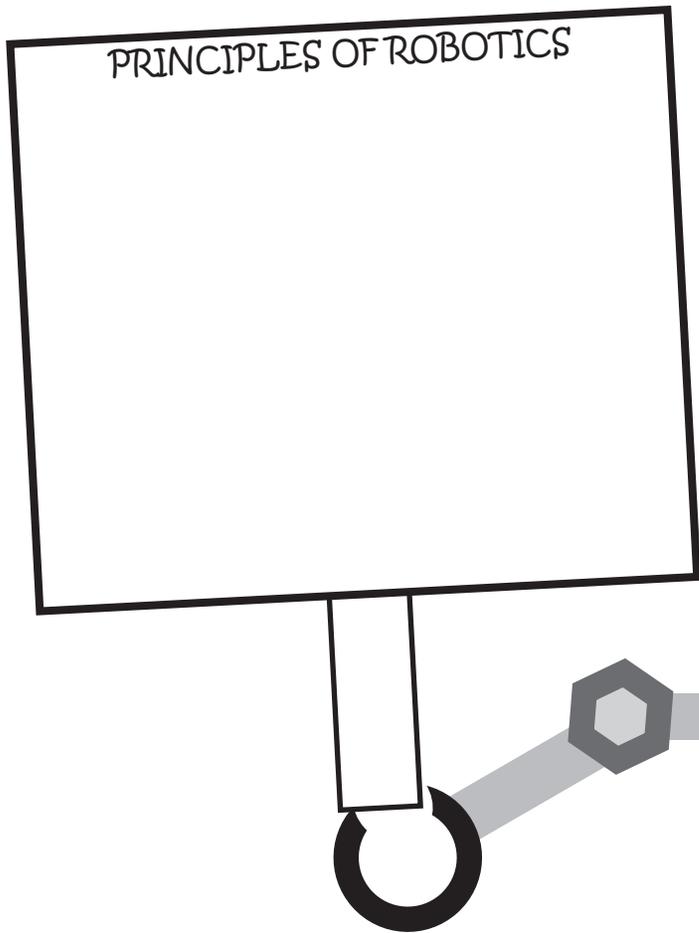


Describe the principles and ethics of robotics.



## Technology 2 Information Pieces

<p>A mobile mechanical device that performs one or more functions T-8</p>	<p>A robot may not injure a human being T-8</p>
<p><i>and usually has human or animal characteristics.</i> T-8</p>	<p><i>or allow humans to be injured through inaction.</i> T-8</p>
<p>Contains a sensor that detects conditions in the environment <i>such as sound, light, touch or acceleration.</i> T-8</p>	<p>To Make Your <b>MatchCard</b> more durable: A robot must obey orders given by a human T-8</p>
<p>Uses a microprocessor (or CPU) to determine its output or response. T-8</p>	<p><i>unless the order would conflict with the First Law.</i> T-8</p>
<p><i>though earliest robots were not computerized.</i> T-8</p>	<p>A robot must protect its own existence and survival T-8</p>
	<p><i>unless it conflicts with the First Law.</i> T-8</p>

To Make Your **MatchCard** more durable:

1. Put the student MatchCard in a clear plastic page protector.
2. Laminate the information pieces. You can also make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.
3. For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.
4. The complete Technology Unit Study provides the student worksheets, answer key, and teaching activities for this and 8 other objectives. See the website for more information.