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# STEM Math & Science

## Blizzard Bag Assignment #3:

Provide three examples of each category of technology listed below. List a positive and negative impact that the invention or innovation has had on society.

TECHNOLOGY	EXAMPLES	POSITIVE (GOOD) IMPACT	NEGATIVE (BAD) IMPACT
<b>INFORMATION TECHNOLOGY</b>  <b>Definition:</b> the process of gathering and storing data to be used in various forms.	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____
<b>COMMUNICATION TECHNOLOGY</b>  <b>Definition:</b> giving or exchanging information.	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____
<b>BIOTECHNOLOGY</b>  <b>Definition:</b> transforms living things into products or new forms of life.	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____

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<b>AGRICULTURAL TECHNOLOGY</b>  <b>Definition:</b> produces plants and animals for food, fiber, and fuel.	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____
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<b>MEDICAL TECHNOLOGY</b>  <b>Definition:</b> creates tools to treat disease and injury.	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____
<b>ENVIRONMENTAL TECHNOLOGY</b>  <b>Definition:</b> creates tools to minimize the effect of technology on the development of living things.	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____
<b>MANUFACTURING TECHNOLOGY</b>  <b>Definition:</b> changes natural or synthetic materials into usable products.	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____
<b>CONSTRUCTION TECHNOLOGY</b>  <b>Definition:</b> builds structures that support loads and protect us from the environment.	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____
<b>MATERIALS TECHNOLOGY</b>  <b>Definition:</b> development of materials with outstanding combinations of mechanical, chemical, and electrical properties	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____

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that make other advances possible.			
<b>TRANSPORTATION TECHNOLOGY</b>  <b>Definition:</b> provides a way for people, animals, products, and materials to be moved from one place to the next.	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____
<b>ENERGY AND POWER TECHNOLOGY</b>  <b>Definitions:</b> <i>Energy</i> is the ability or capacity to do work. <i>Power</i> is the rate at which energy is transformed from one form to another.	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____
<b>NANOTECHNOLOGY</b>  <b>Definition:</b> manipulating materials on an atomic or molecular level.	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____	1. _____ 2. _____ 3. _____