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| **NAME:** | **CLASS PERIOD:** | **DATE:** |

**Foundations of Technology**

**Unit 1. Technological Inventions and Innovations**

**Learning Cycle 2. Inventions and Innovations: An Evolutionary Process**

**File 1.2.2. Technology Student Survey**

**Directions:** Use the graphic below to answer the questions in the student survey. Some questions are specific to the graphic, while others will require you to use additional background knowledge. Once complete, discuss your answers with a partner and collectively develop a definition for the terms “invention” and “innovation.”

**Student Survey:**

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| 1. Is the adoption rate of communication technology increasing or decreasing? Cite specific evidence. |
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| 1. Why do you believe that current communication technology is adopted at a faster rate? Cite specific evidence. |
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| 1. Based on the graphic, can you generally predict how long it took current communication technologies like Google, Twitter, and Facebook to reach 10 million users? |
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| 1. As technology advances, does technology become more or less complex? Why? |
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| 1. As technology advances, do people become more or less specialized in the things they do for a living? Cite examples. |
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| 1. As technology advances, do the tools and processes we use to make, build, and do things become more efficient (become faster and require less material, energy, and fewer people)? Cite examples. |
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| 1. As technology advances, does it require science and math applications? Cite examples. |
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| Define the term “Invention”: |
|  |
| Define the term “Innovation”: |
|  |