**Appendix – Engineers: Problem Solvers**

**Step #1 : Make a list of ten objects you could not live without.  
 Identify a reason why it was invented.**

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| Objects I could not live without | Why was it invented? Was it to solve a problem? If so, which problem does this invention solve? |
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**Step #2:** **Indicate if the invention is** **essential (E), helpful (H) or useless (U).**

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| --- | --- | --- | --- | --- |
| **Inventions** | **(E), (H) or (U)** |  | **Inventions** | **(E), (H) or (U)** |
| **Bridges** |  |  | **Potato peeler** |  |
| **Computers** |  |  | **Flip-Flops** |  |
| **Rockets** |  |  | **Reusable straws** |  |
| **Shoes umbrellas** |  |  | **Freezers** |  |
| **Cars** |  |  |  |  |

**Step #3:** **Watch the** [**video**](https://edpuzzle.com/media/5e824cb99d47b13fac5f38af) **and answer the questions as you are watching.**

**Step #4: Write down two things you have learned today.**  
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**Step #5**: **Take the quiz.**

What type of engineer could you be? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is the suggested option good for you? Why or why not? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Step #6:** **Make a short list of problems you think need to be solved and reflect on the possible solutions to these problems.**

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**Step #7: From your list above, choose a problem. Answer the three typical engineering questions.**

What is the problem?

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Who has the problem?

Why is this problem important?

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