1. **What Is Engineering? What Is Design? Worksheet**

**Design challenge: *To design a picnic.***

**Brainstorm how you would plan and organize a picnic for friends.
Consider each of the steps in the design cycle and address each one.**



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| --- | --- | --- |
|  | Plan | Create |
| What skills are needed? |  |  |
| What supplies are needed? |  |  |
| What are the costs in time and materials? |  |  |

**2. How do the designs compare? Worksheet**

**Compare the design of a picnic to the design of a computer game.**



|  |  |  |
| --- | --- | --- |
|  | Plan | Create |
| What skills are needed? |  |  |
| What supplies are needed? |  |  |
| What are the costs in time and materials? |  |  |