

# ASSESSMENT TOOL



## THINK

When students “Think about the problem” they should...

- Ask questions
- Imagine who they are designing for
- Determine features that are most important to include
- Sketch or take notes about their ideas

### They may also...

- Explore materials
- Talk with others
- Make a plan

### Notes:

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## MAKE

When students “Make a prototype” they should...

- Imagine multiple solutions
- Sketch their ideas
- Experiment with materials
- Build a prototype
- Make changes to their design as they go

### They may also...

- Persevere through frustration and learn from mistake
- Explore and learn about properties of materials
- Use tools for intended purpose

### Notes:

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## TRY

When students “Try and retry” they should...

- Observe how their design works
- Share challenges and success
- Think about how to improve the design and decide what to change
- Experiment with materials

### They may also...

- Persevere through frustration and learn from mistakes
- Explore and learn about properties of materials
- Use tools for intended purpose
- Get help from others

### Notes:

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