

My Water Wheel Design Activity

Design your water wheel by recording responses in the following table.

Ask!

- What is the problem you are trying to solve?
- What do you already know about the problem and design?
- What information do you already have?

Think!

- What are all of the possible solutions to your problem?
- How will a water wheel help? What else will you need?
- Consider what already exists, and how you can alter or change existing models.

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<p>Plan!</p> <ul style="list-style-type: none">• Choose the best solution/design and create a detailed plan• Be sure to include the required materials and time• Think through all steps required to build a prototype	
<p>Build!</p>	<p>If possible, build your first prototype of your device.</p>
<p>Test & Rebuild!</p> <ul style="list-style-type: none">• How will you test your device?• How will you record your observations?• How will you know if you were successful?• What changes might you need to make?	