

Order the 8 steps of the design process for this project. Write numbers from 1 to 8.

<p>They build the backpack and try it out for a week. Emily uses it every day and writes notes about what works and what doesn't.</p> 	<p>Emily's backpack always breaks because she carries too many books. She wants to find a better way to carry her things to school.</p> 	<p>They prepare a poster with their drawings, results, and photos of the backpack. They present it to the class and explain what they learned.</p> 	<p>They draw a picture of the new backpack and plan where to put the pockets and which materials to use.</p> 
<p>Her group looks online and in books to see what materials are strong and light. They also ask friends what kind of backpacks they use.</p> 	<p>After talking as a group, they decide to build the backpack with extra pockets because it's easier to carry and cheaper to make.</p> 	<p>They come up with three different ideas: a rolling backpack, a strong backpack with more pockets, and a small cart.</p> 	<p>After the presentation, they decide to use a stronger zipper and add wheels to help on heavy days. They make a new version of the backpack.</p> 