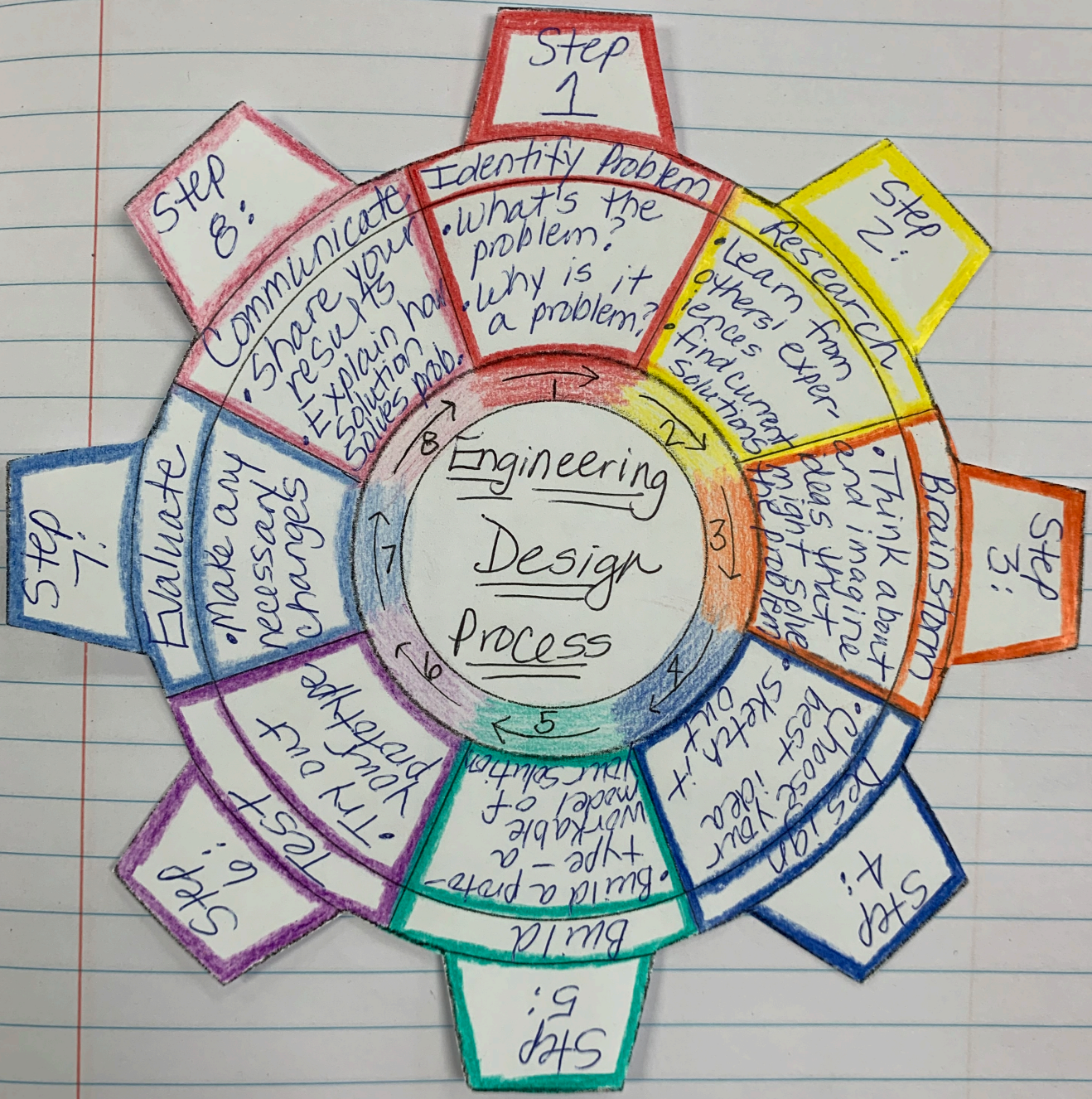
Step 1
Identify Problem
• What's the problem?
• Why is it a problem?
Step 2:
Research
• Learn from others' experiences
• Find current solutions
Step 3:
Brainstorm
• Think about and imagine ideas that might solve the problem
Step 4:
• Choose your best idea
• Sketch it out
Step 5:
Build
• Build a prototype - a workable model of the solution
Step 6:
Test
• Try out your prototype
Step 7:
Evaluate
• Make any necessary changes
Step 8:
Communicate
• Share your results
• Explain how solution solves prob.
Engineering Design Process
1
2
3
4
5
6
7
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