



# Creative Problem Solver

## Brief statement

Provide a clear description of the problem

What problem am I trying to solve? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Design goals

What would I like to see happen? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Ideation

Brainstorm a bunch of ideas about how the problem might be solved

I wonder what would happen if...? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Concept selection

Compare your ideas to the design brief and goals, then **circle** the ideas that should progress

Which 3 ideas do I like the most? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Hypothesis

For your **preferred** idea describe how this idea will solve the problem

What will happen if this idea is implemented? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Experiment

Make a **prototype** and test to see if the idea solves the problem

What happened? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Concept analysis

Compare your test findings to the design brief and goals

Did it match my theory? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Conclusion

Can I progress this idea to the **implementation** stage? If not, run your next idea through the same process, or go back to the ideation stage for more ideas

What do I conclude? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
What should happen next? \_\_\_\_\_  
\_\_\_\_\_