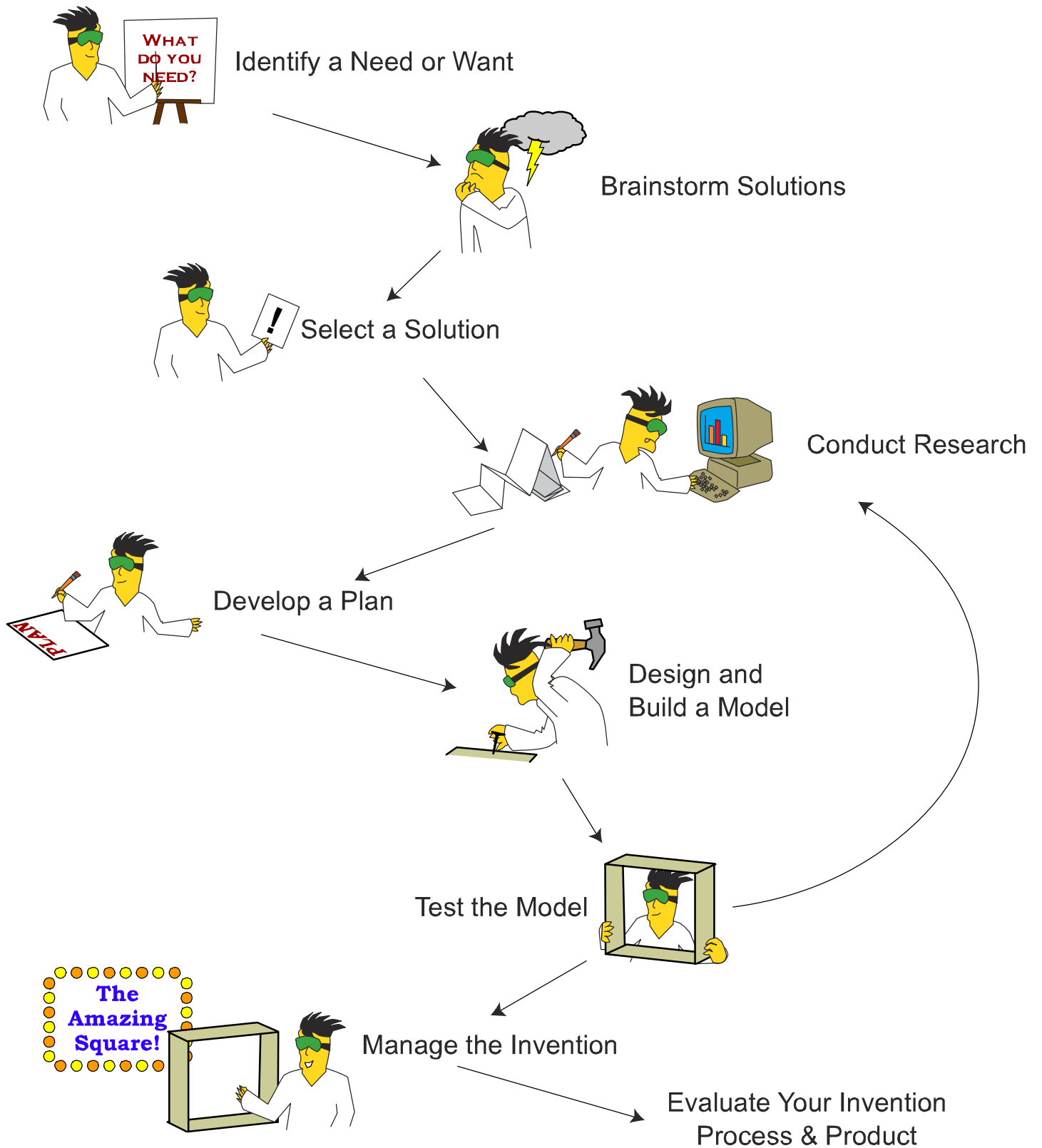


Invention Process Flowchart



Invention Process Flowchart

Step 1 - Identify a Need or Want

Survey peers, family, and community members.

Step 2 - Brainstorm Solutions

Generate possible ideas/solutions by using a brainstorming strategy.

Step 3 - Select a Solution

Look at all the solutions!

Develop a list of criteria to help evaluate your solution ideas.

Evaluate each solution by using the criteria and identify the best solution.

Survey your family and friends to get their opinions and verify your chosen solution.

Name your chosen solution/invention!

Step 4 - Conduct Research

Research your invention.

Step 5 - Develop a Plan

Plan how to develop your invention.

Step 6 - Design and Build a Model

Make a sketch or drawing!

Decide on materials!

Make a model or a prototype!

Determine if the invention can be improved.

Step 7 - Test the Model

Demonstrate what the model does.

Record the test results in the Inventor's Log.

Collect feedback on your invention.

Make needed changes.

Step 8 - Manage the Invention

Share the invention.

Enter an invention contest.

Place the invention on public display.

Apply for a patent.

Start your own business to market your invention.

Step 9 - Evaluate Your Invention Process & Product

Identify strengths and weaknesses of your invention process.

Identify strengths and weaknesses of your innovation/invention.