



# STEM JOURNAL

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Cleverly solving challenges one day at a time.

Research designed and collected by

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Written for

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(class title)

**UNIT OF STUDY:**

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**CHALLENGE:**

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**RESOURCES TO BE USED:**

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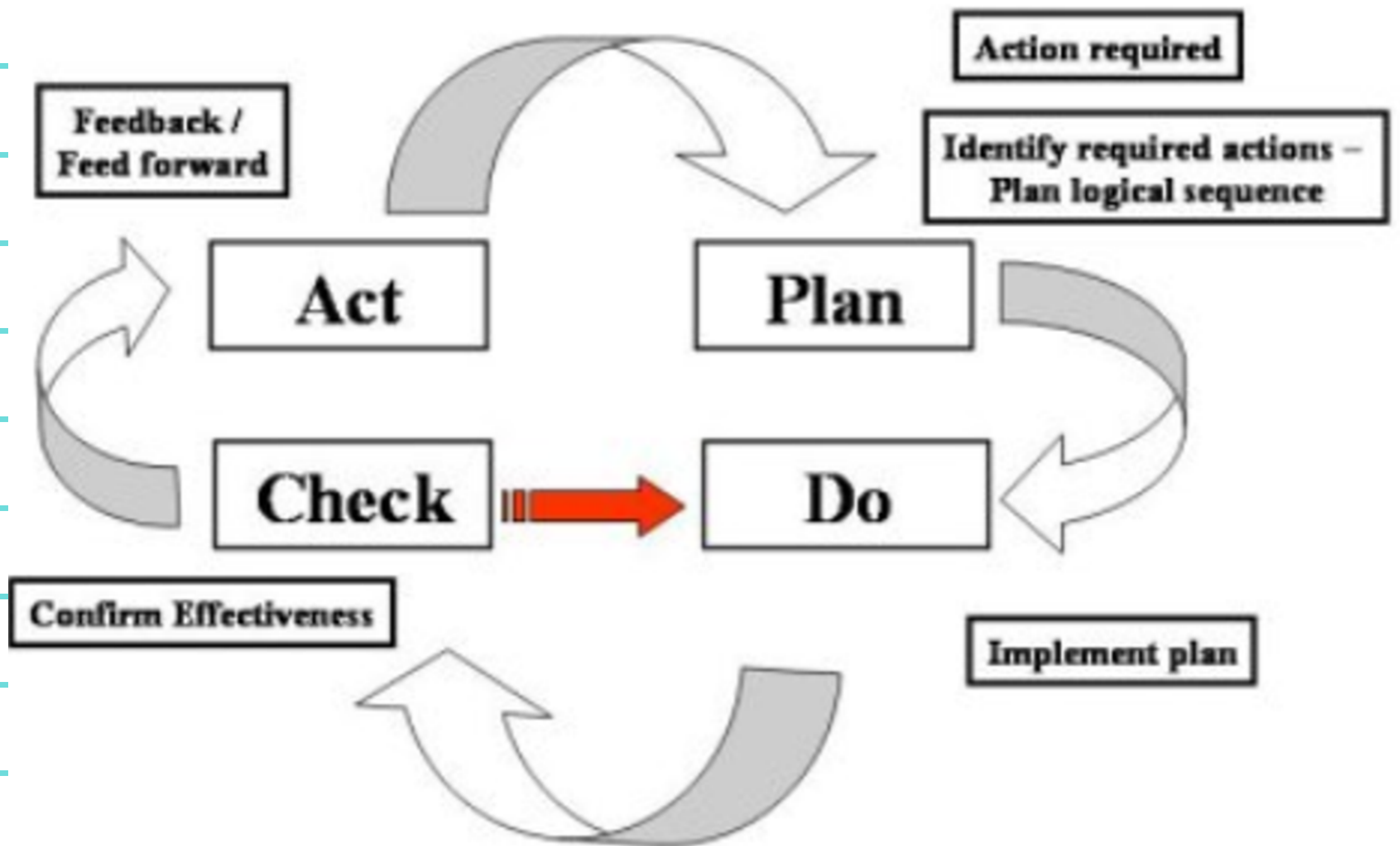
**HOW TO SUBMIT MY CONCLUSION:**

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**DUE DATE:** \_\_\_\_\_

## SPIRAL OF ENGINEERING



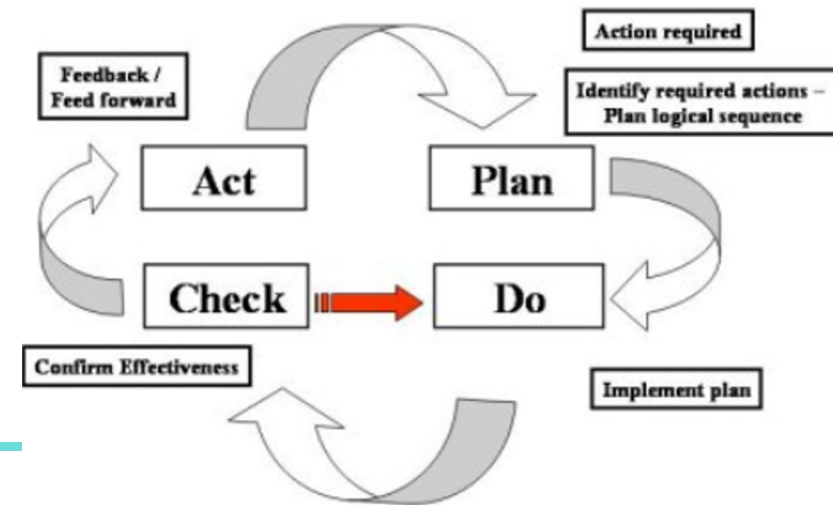
**PLAN:** Outline the plan for your experiment.

**DO:** Record the variables and control elements of your experiment and put it into action.

**CHECK:** Check all your elements to make sure the experiment accurately represented your plan and document the outcome. If your original measurements were inaccurate, be sure to complete the experiment again.

**ACT:** Outline the changes you might make to get you closer to your challenge goal for when you run the experiment again.

**DATE OF EXPERIMENT:**



**PLAN:**

**DO:**

**CHECK:**

**ACT:**



## **REPORTING FINDINGS**

Use this page to plan how you will support your conclusion.

**STATE YOUR CONCLUSION:**

**SUMMARIZE YOUR TRIALS:**

**DEMONSTRATE YOUR FINDINGS:**

**SUPPORT YOUR CONCLUSION USING MATHEMATICS:**