Make sense of problems and persevere in solving them.  

When given a problem, I can make a plan to solve it and check my answer.

**BEFORE...**
- Think about the problem.
- Make a plan to solve the problem.

**DURING...**
- Don’t give up!
- Does this make sense?

**AFTER...**
- Check my work.
- Is there another way to solve the problem?
Make sense of problems and persevere in solving them. Mathematical Practice 1

When given a problem, I can make a plan, carry out my plan, and check my answer.

**BEFORE...**
- Think about the problem.
- Ask myself, "Which strategy will I use?"
- Make a plan to solve the problem.

**DURING...**
- Stick to it!
- Ask myself, "Does this make sense?"
- Change my plan if it isn't working out.

**AFTER...**
- CHECK my work.
- Ask myself, "Is there another way to solve the problem?"
Make sense of problems and persevere in solving them. Mathematical Practice 1

When presented with a problem, I can make a plan, carry out my plan, and check its success.

**B E F O R E ...**

**EXPLAIN** the problem to myself.

**MAKE A PLAN** to solve the problem

- What is the question?
- What do I know?
- What do I need to find out?
- What tools/strategies will I use?

**D U R I N G ...**

**PERSEVERE** (Stick to it!)

**MONITOR** my work

**ASK** myself, “Does this make sense?”

**CHANGE** my plan if it isn’t working out

**A F T E R ...**

**CHECK**

- Is my answer correct?
- How do my representations connect to my solution?

**E V A L U A T E**

- What worked/didn’t work?
- How was my solution similar or different from my classmates’?
Make sense of problems and persevere in solving them. Mathematical Practice 1

When presented with a problem, I can make a plan, carry out my plan, and evaluate its success.

**BEFORE...**

EXPLAIN the problem to myself.
- Have I solved a problem like this before?

ORGANIZE information...
- What is the question?
- What do I know?
- What do I need to find out?
- What tools/strategies will I use?

**DURING...**

PERSEVERE

MONITOR my work

ASK myself, “Does this make sense?”

CHANGE my plan if it isn’t working out

**AFTER...**

CHECK
- Is my answer correct?
- How do my representations connect to my solution?

EVALUATE
- What worked/didn’t work?
- How was my solution similar or different from my classmates’?