

Experiences

STEAM

STEAM Recording Sheets

These recording sheets help learners plan their STEAM creations and explorations, write about them and evaluate them. They include a blueprint section for learners to think, plan and design, and a space for listing materials used or the results of the challenge.

My STEAM Challenge

The first recording sheet is intended for younger learners who are not proficient writers yet.

- **THE CHALLENGE:** use one word or a complete sentence. If necessary, write it on the board for reference, e.g. *tower* or *Build a tall tower using cups*.
- **PLAN:** learners use this area to sketch the design as they think and plan before they complete the challenge as a blueprint. It can include labels.
- **EXPLAIN:** a space for learners to write whatever they can about their creation: a simple sentence, a few words, the number of materials they used: e.g. *I used 10 cups*, or only, *10 cups*.

STEAM Challenge Recording Sheet

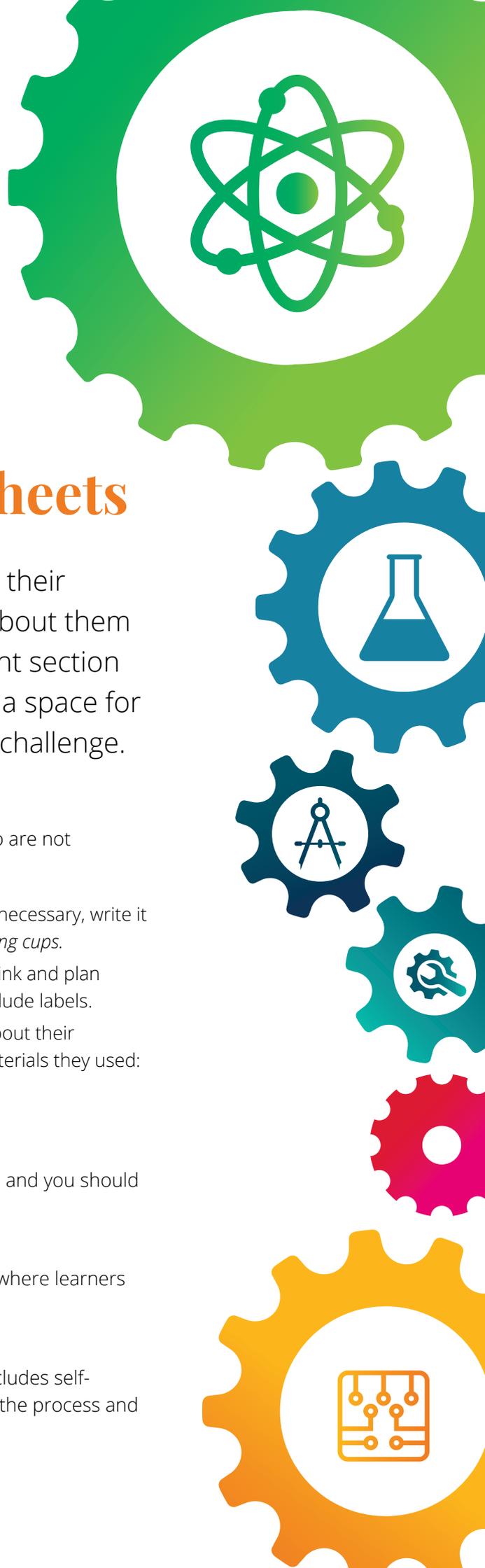
Learners should use the Blueprint area to sketch their design, and you should encourage them to label it like real scientists do.

Science Exploration Recording Sheet

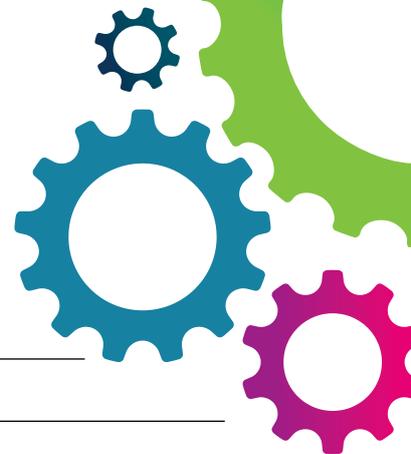
This recording sheet is most useful for science-based STEAM where learners are required to predict and record results.

STEAM Recording and Assessment Sheet

The last recording sheet is designed for older learners and includes self-assessment to be done individually so learners can reflect on the process and the collaboration skills employed during group work.



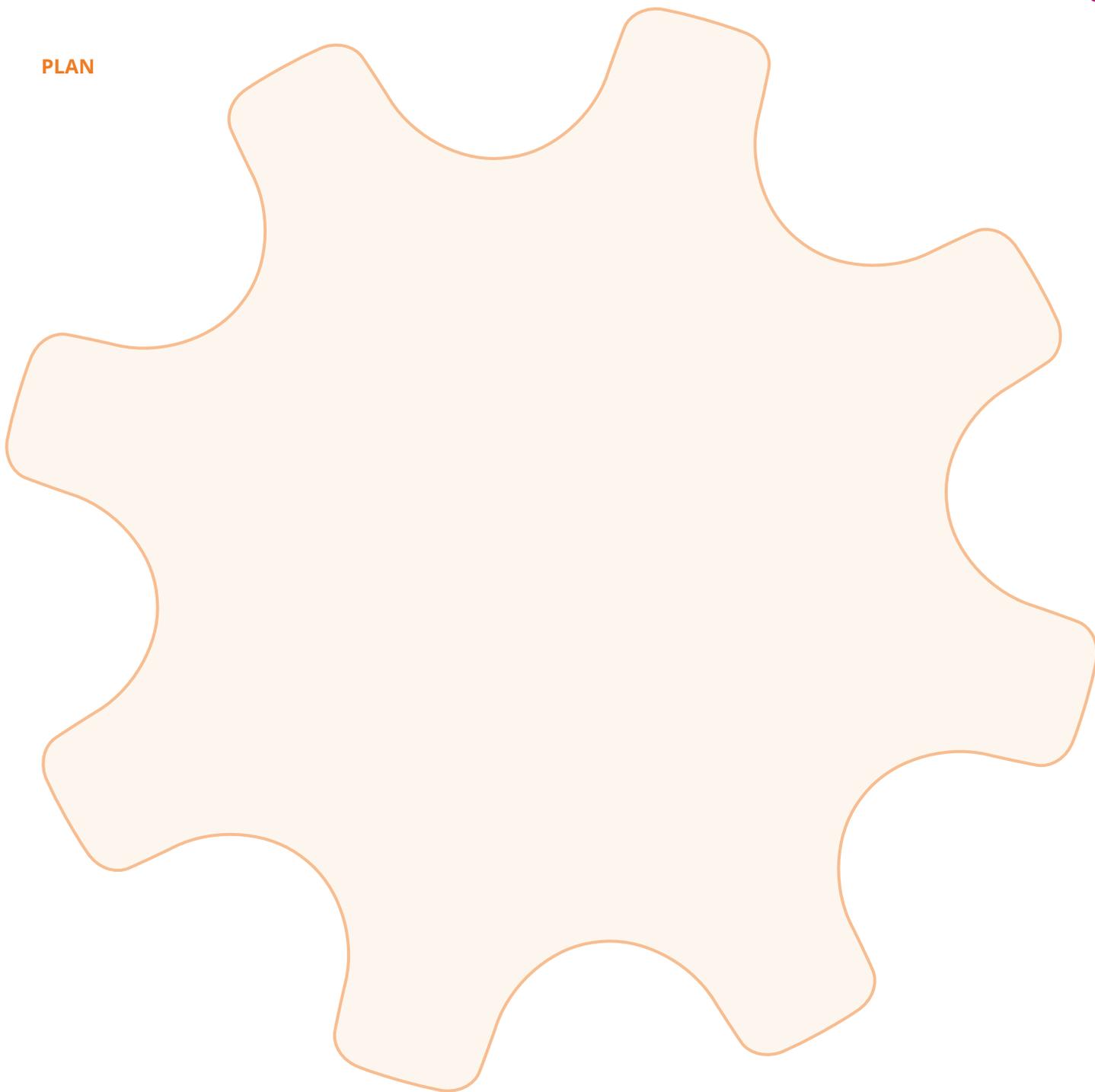
MY STEAM CHALLENGE



Name/s: _____

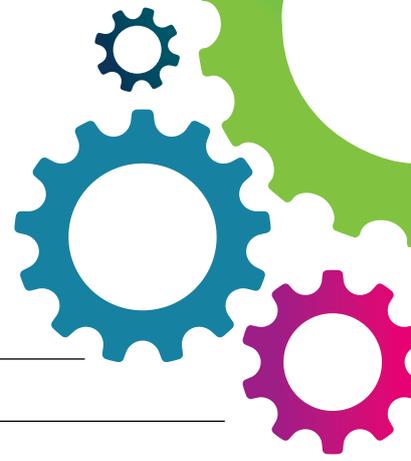
The challenge: _____

PLAN



Explain: _____

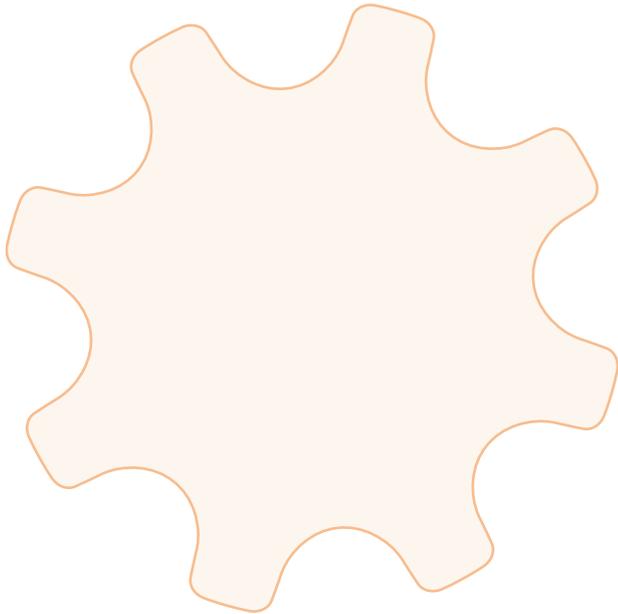
SCIENCE EXPLORATION RECORDING SHEET



Name/s: _____

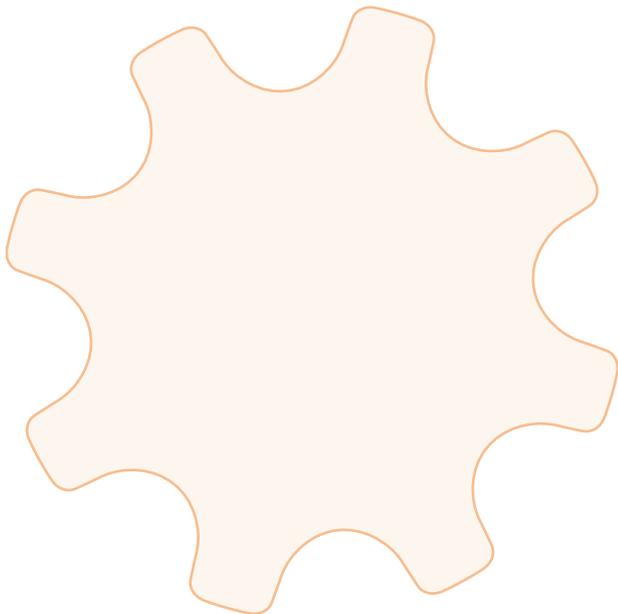
The challenge: _____

PREDICTION 1



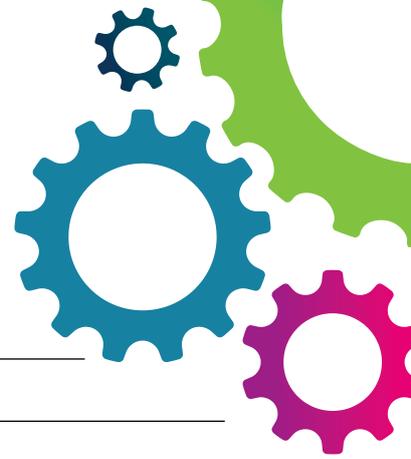
RESULT 1

PREDICTION 2



RESULT 2

STEAM RECORDING AND ASSESSMENT SHEET



Name/s: _____

STEAM challenge: _____

This is who I worked with: _____

Did you work well in your group? _____

Here is a picture of what we did:

DRAW AND LABEL

Explain: _____

List of materials we used:

Did you complete the challenge successfully?

What did you change/would you change to improve it?
