

Digital & Print resource

Key Information Sheet



Now available to use with
Google Slides/ Classroom

This resource can now be printed as a PDF
or used in Google slides, helping you be
flexible with learning situations.

4 STEM Tasks

Give students Choice or 4 Weeks of Tasks

STEAM by Theme

Catch a Leprechaun

The Scenario: Leprechauns are known for their mischievous nature. They are often found up to mischief with items that are not theirs. They are also known for being naughty. It is your job to catch one!



The challenge: To design a way to catch a leprechaun. You can catch him in a trap, or you can not to be caught. You can then release him, or you can decide on a different outcome.

Possible Materials to use:

~ Pop sticks

STEAM by Theme

Over the Rainbow

The Scenario: A rainbow is one of nature's greatest beauty. The tale goes that if you follow the rainbow you can find the magic pot of gold. Here a fortune awaits!



The challenge: To design a way to follow and travel over/ across a rainbow. You may need a bit of magic involved in your choice of transport... will you have a flying hovercraft? An air balloon that can follow the arch of the rainbow or another incredible creation?



Possible Materials to use:

STEAM by Theme

Good luck Charm

The Scenario



The challenge

Possible Materials to use:

~ Pop sticks

~ String

~ Paper

STEAM by Theme

In Disguise

The Scenario: Leprechauns have such a bad name, for always causing trouble and getting into mischief. Larry the Leprechaun isn't like his other friends, and he wants to be able to travel around town without being judged so badly.



The challenge: You have been asked by Larry to come up with a new outfit/ disguise that he can wear when he needs to travel into town. He wants to be able to go on the bus without anyone knowing he is a leprechaun. What kind of design will you make him?



Possible Materials

2 Different Versions

Glue in Books/ Display on Table



STEAM by
Theme

Over the Rainbow



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Carnival Theme

- Be CREATIVE
- Personal touch.
- Decorate it with your own
- how you could do it differently.
- Over come challenges - think
- Clean up after yourself
- Be sensible and on task.
- Actively contribute to the task.
- Ideas, and test them out.
- Listen to other group members.
- Work as a team.
- complete them.
- Record the process/ steps as you
- Complete the design stage first.



~ Scrap materials
around the classroom.

~ Craft items
~ Glue
~ Tape
~ Paper
to use:

Possible Materials

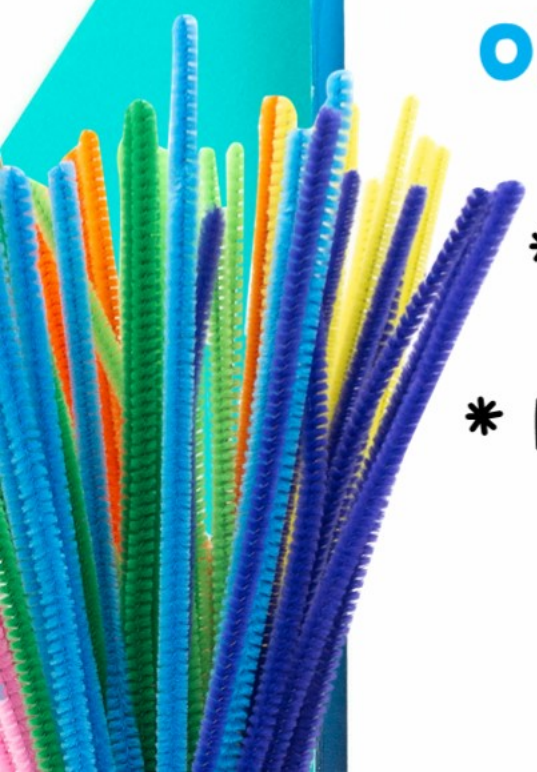
Over the Rainbow



Perfect for Busy Teachers



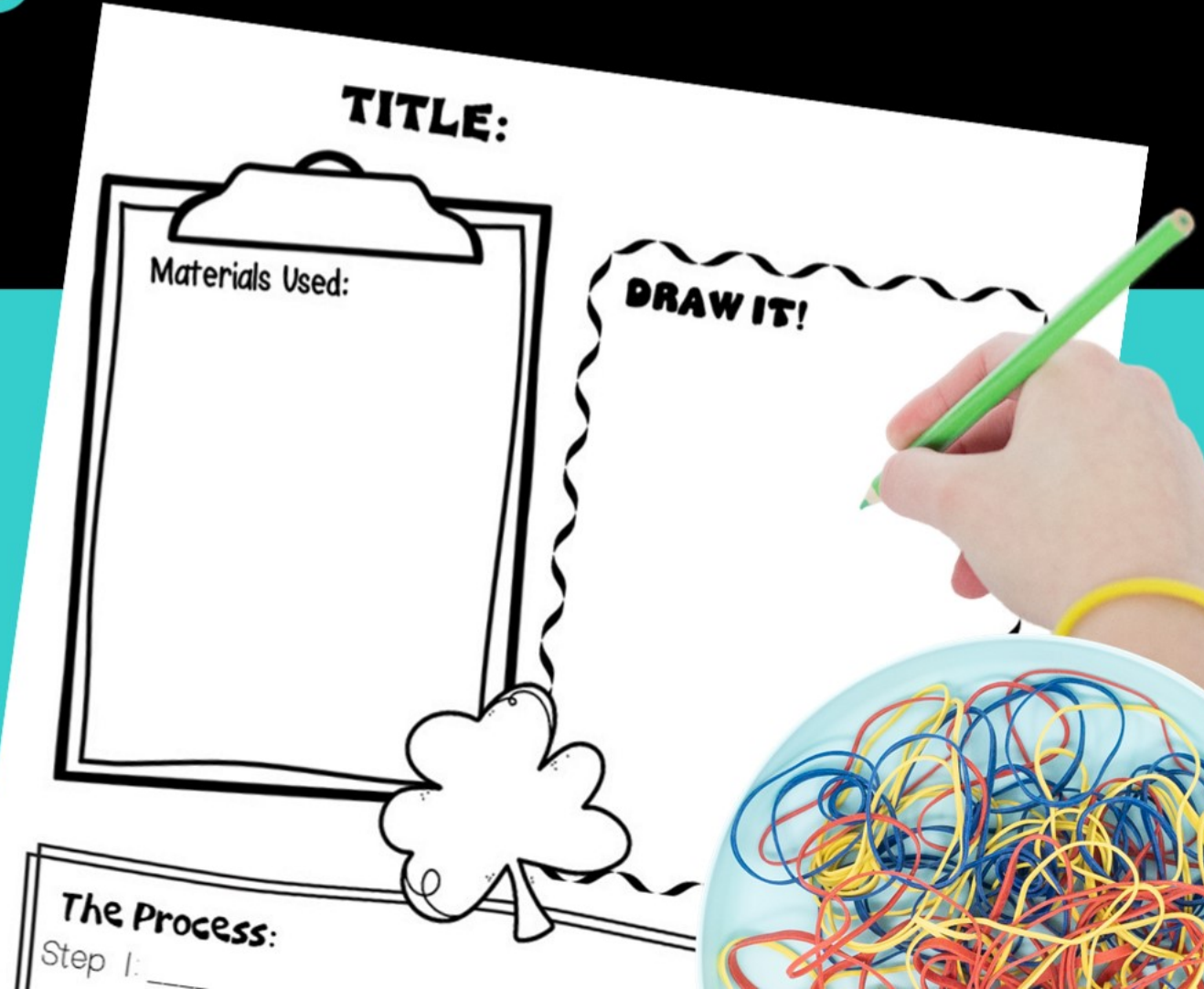
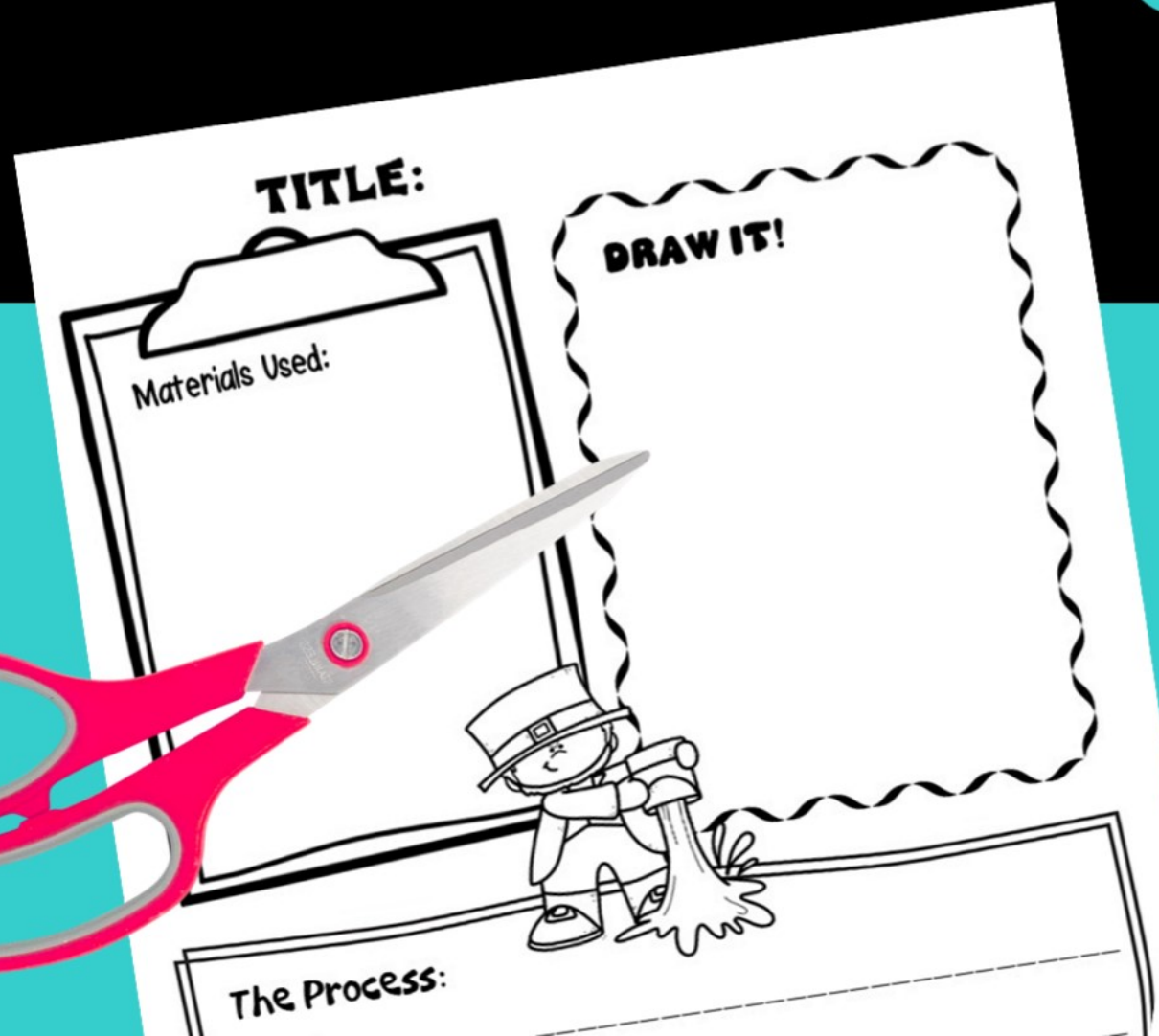
ONLY USES BASIC CLASS SUPPLIES:

- 
- * String
 - * Pop sticks (craft sticks)
 - * Paper
 - * Craft items
 - * Glue
 - * cardboard
 - * Scrap materials

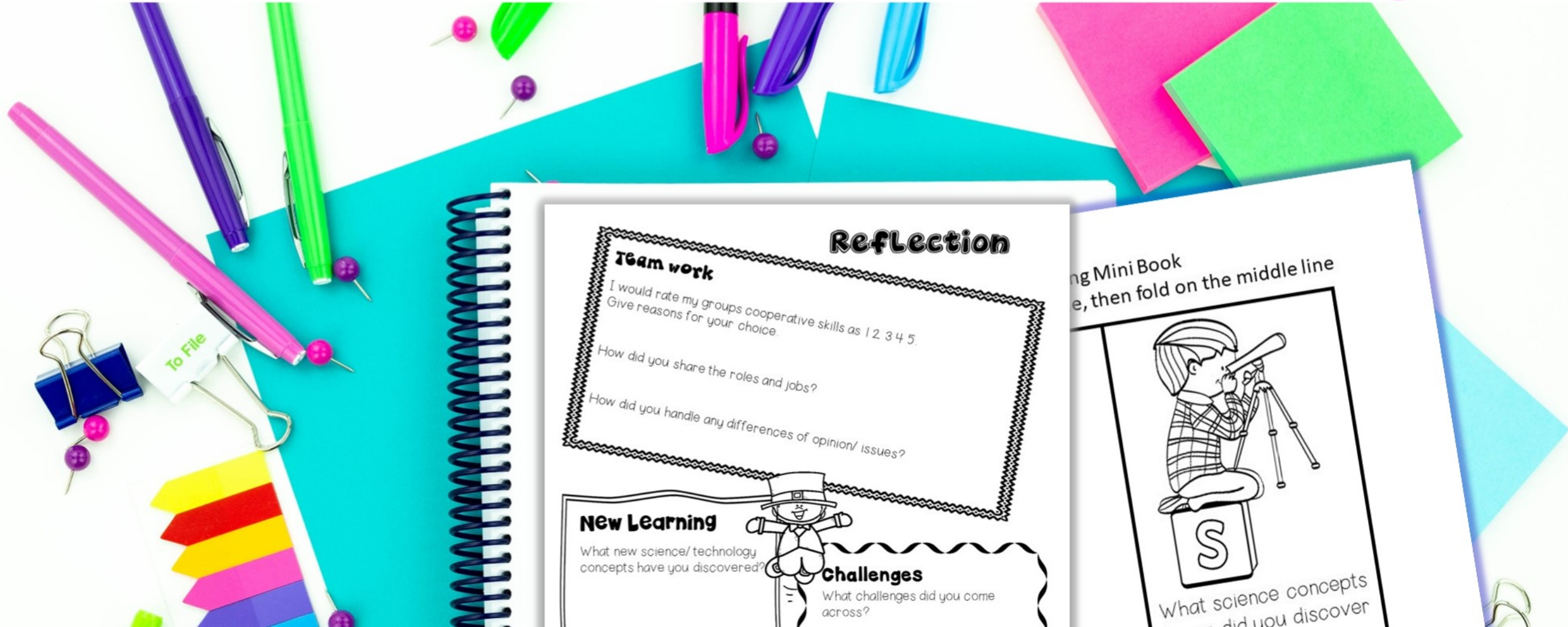
NO PREP!



Group Planning Sheets



Encourage groups to Reflect on their learning



Reflection

Team work

I would rate my groups cooperative skills as 1 2 3 4 5.
Give reasons for your choice

How did you share the roles and jobs?

How did you handle any differences of opinion/ issues?

New Learning

What new science/ technology concepts have you discovered?

Challenges

What challenges did you come across?

ng Mini Book
e, then fold on the middle line



What science concepts
did you discover