

# 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

### FRESH FOOD

**The Scenario:** A life at s  
supplies,  
ports. Th  
seafood.

**The challenge:** To design  
catch fish  
the marin  
food for  
make sur

**Possible Materials  
to use:**

~ Pop sticks

STEAM by  
Theme

### A LIFE AT SEA

**The Scenario:** Pirates often need to spend a long time on the high seas. Life can be quite cramped and uncomfortable.

**The challenge:** To design and create a way to make life on the ship more bearable for the pirates. Will you make a comfortable piece of furniture/ games/ activities? Or will you think outside the box and make something using modern technology to help them connect to the rest of the world?

**Possible Materials  
to use:**



STEAM by  
Theme

### GROOVY PIRATE

The Scen

The challenge

**Possible  
to use**

~ Pop s

~ String

~ News

~ Craft

~ Glue

STEAM by  
Theme

### SHIP TO SHORE

**The Scenario:** Old pirate ships often don't last long in the rough seas. Today with modern materials ships should be able to last much longer and be a lot safer.

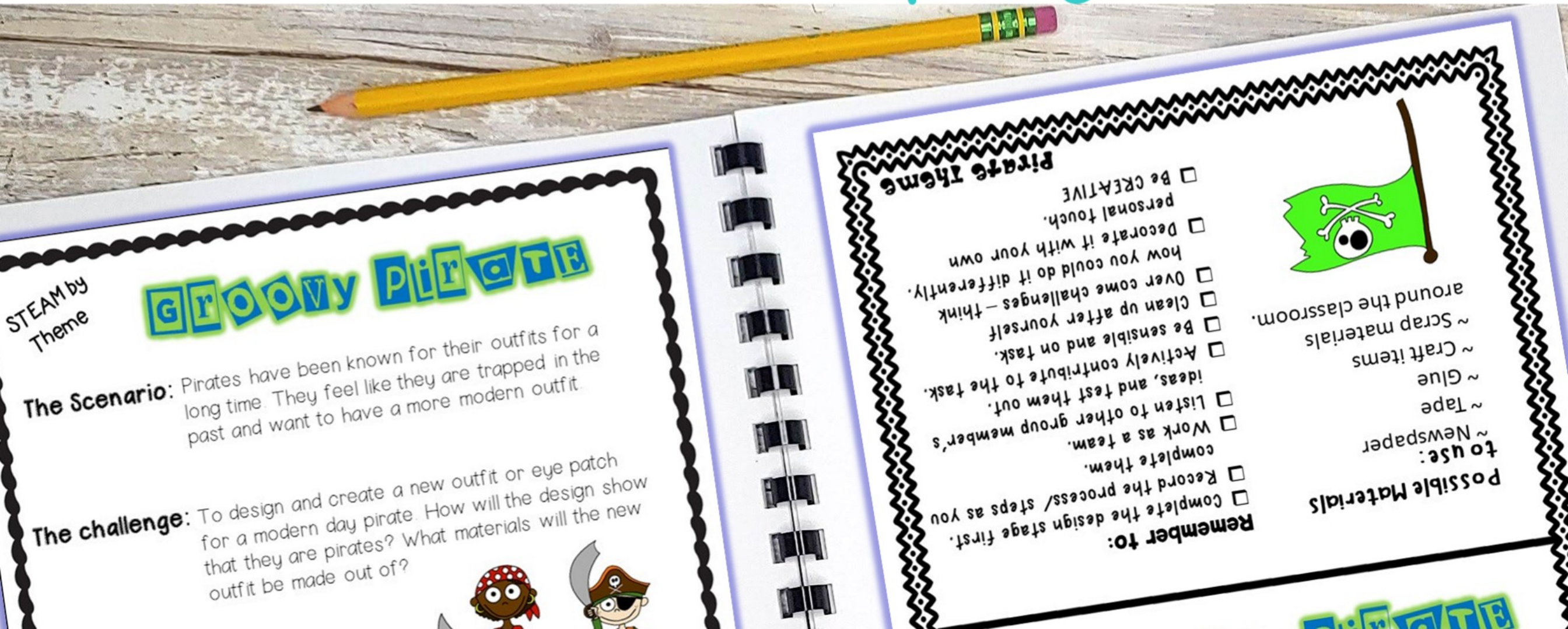
**The challenge:** To design and create a new modern pirate ship that is no bigger than 20cms (8 inches) by 15cms (6 inches). What will your pirate ship look like? What materials will you use to help it float and survive the weather conditions? If you have time you may test it in a small amount of water.

**Possible Materials  
to use:**



# 2 Different Versions

## Glue in Books/ Display on Table



STEAM by  
Theme

## GROOVY PIRATE

**The Scenario:** Pirates have been known for their outfits for a long time. They feel like they are trapped in the past and want to have a more modern outfit.

**The challenge:** To design and create a new outfit or eye patch for a modern day pirate. How will the design show that they are pirates? What materials will the new outfit be made out of?



## Pirate 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.



- Possible Materials to use:**
- ~ Newspaper
  - ~ Tape
  - ~ Glue
  - ~ Craft items
  - ~ Scrap materials around the classroom.

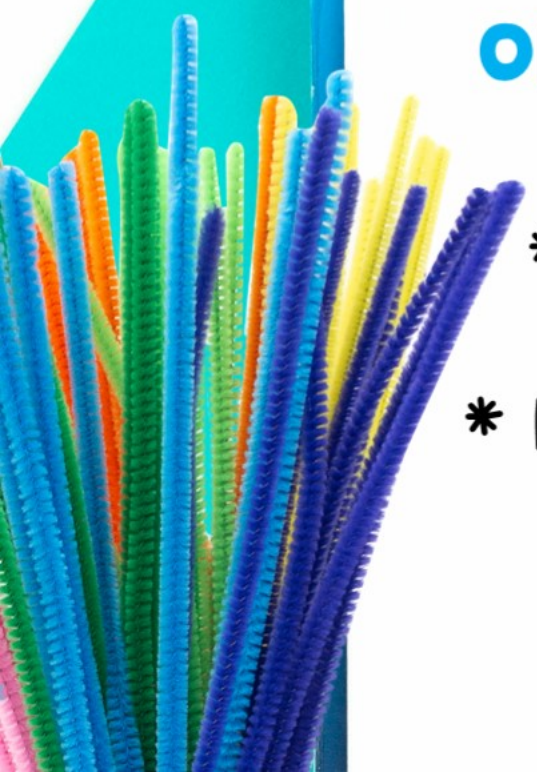
GROOVY PIRATE



# 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

