

# 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

### A Great Fall

**The Scenario:** We all know a great fall happens again. But Humpty when he falls off of his wall.

**The challenge:** To design a chair that can hold weight (a rock or glue stick) or a bed that Goldilocks will find extremely comfortable. What materials could you use to make it the best bed ever?

**Possible Materials to use:**

~ Pop sticks

STEAM by Theme

### Save Grandma

STEAM by Theme

### Just Right

**The Scenario:** Goldilocks has arrived at the three bears house. She can not find a bed or a chair that is suitable for her height and comfort.

**The challenge:** To design and build either a chair that can hold weight (a rock or glue stick) or a bed that Goldilocks will find extremely comfortable. What materials could you use to make it the best bed ever?

**Possible Materials to use:**



**Remember to:**

STEAM by Theme

### I'll Huff and Puff

**The Scenario:** The Three Little Pigs urgently need to build a strong house to protect themselves from the Big, Bad, Wolf. How are you going to make them a safe house?



**The challenge:** You have been asked to build a house for the pigs. Remember it needs to be able to stand up by itself, not be blown down by puffs of air and be able to hold 3 little pigs (glue sticks). What materials are you going to use? How will you design your house to make it sturdy?

**Possible Materials to use:**



**Remember to:**

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**Possible to use:**

~ Pop sticks  
~ String  
~ Paper



# 2 Different Versions

## Glue in Books/ Display on Table

TEAM by  
Theme

### Save Grandma

**The Scenario:** When the wolf comes to Grandma's house she is fooled into thinking it is Little Red Riding Hood. How could a device help Grandma know who it really is?

**The challenge:** To design and sketch some ideas for a device that will help Grandma know who is really at her door. Will you have a finger print scanner on the door handle or a special camera that detects facial features, what ideas will you come



### Fairy Tale Fun 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:**

- ~ Paper
- ~ Tape
- ~ Glue
- ~ Craft items
- ~ Scrap materials around the classroom.





# Perfect for Busy Teachers

## ONLY USES BASIC CLASS SUPPLIES:

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

**NO  
PREP!**

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# Group Planning Sheets





