



## *STEM & Traditional tales*

What you will need:

- A traditional tale story. This could be a book you have in your home or simply search for one being read aloud on Youtube.
- Natural items from your garden
- Optional extras: elastic bands, hair bobbles, paper clips, cocktail sticks, straws, cotton wool, clean items from the recycling bin

Begin by reading the story or listening to the recording. Make sure you're somewhere comfortable and snugly! As the story is retold stop to ask questions to check your children's understanding.

### **Questions you could ask:**

What has happened so far?

Who are the characters? What is the setting?

Would you like to be (character name) in this story? Why?

What does this word/sentence tell you about the character/how they're feeling?

Which part of the story do you like best? Why?

Who is the hero in this story? How do they save the day?

### **Harder questions:**

Why do you think the author chose to use that word? What does it make you think about?

Through whose eyes is the story told?

Use 3 words to summarise/describe this story.

What did the character learn in this story?

Which other stories are similar to this one? How are they similar?

Why do you think the author chose this setting? How does it set the tone for the story?





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Head out into the garden and set the children their STEM (science, technology, engineering & maths) challenge linked to your chosen traditional tale. Use natural items found in your garden, simple household items or a combination of both!

### *Goldilocks & The Three Bears*

Goldilocks feels terrible about the destruction she caused in the bears' house. Can you help her build a bed to give to the bears?

Further challenge: have something heavy to represent a small bear. This could be small bag of flour or anything else you can find around your home. Allow the children a set number of tests before presenting their final product!



*Read on below for more ideas for some different traditional tales!*





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### *Three Billy Goats Gruff*

Help the Three Billy Goats relocate their bridge to avoid coming across any trolls again! You could create a small river using tin foil & water to build the bridge over.

### *Little Red Riding Hood*

In all the comotion Little Red Riding Hood lost her basket! Can you create her a new one?

Further challenge: The basket must be light weight as Little Red Riding Hood has a long way to walk & must be big enough to fit (chosen food items).

### *Three Little Pigs*

Even though the wolf is gone, new wolves keep on finding the brick house! Can you build the pigs a camouflage den so that they can hide?

Further challenge: Have your child/children build the den secretly, without you seeing what it looks like. It must be so well camouflaged that they can hide it in your garden & it take you longer than 30 seconds to find it!





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### *Jack & The Beanstalk*

Jack is growing another beanstalk! He plans on revisiting the giants castle, finding more chickens & geese that lay golden eggs & selling them! Can you build him a parachute to help him safely transport the eggs from the top of the beanstalk? (You could use hard-boiled eggs to test this out!)

### *Chicken Licken*

Chicken Licken is still concerned about the sky falling down. Can you build him a shelter to put his mind at ease?

