

Try this activity from **Science Sparks**.

What will you use to make your raft? Share pictures of your invention with your class platform.

Design a raft for The Three Billy Goat's Gruff

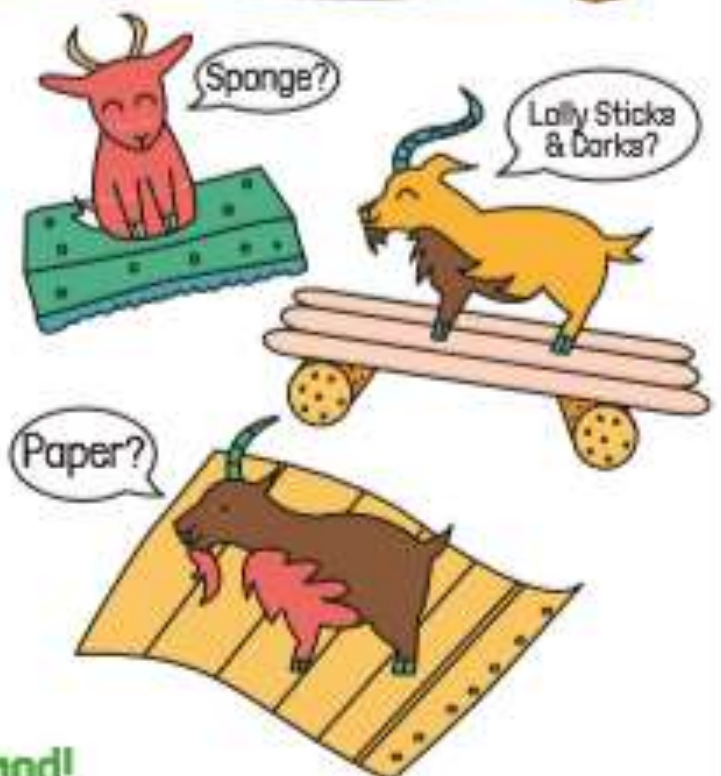
Read the story or retell it in your own words. Present the problem to your child/ren – the Three Billy Goat's Gruff need you to design them a raft to cross the stream so they don't have to cross the bridge. What materials will you use?

Materials!

- Kitchen sponge
- Corks
- Glue/Double sided tape
- Paper
- Kitchen roll
- Lolly Sticks
- Toy Goat (we used our Playmobil Animals)
- Washing up bowl (rectangular type ...or sink/bath)

I think that _____ will be the best material because

I think that _____ will sink.



Method!

Using the different materials and a washing up bowl, or a sink, carry out your investigation.

😊 The best raft material was _____ 😞 The worst was _____

Ask your children to explain WHY they think this happened.

Extra Activities!

Use a straw to blow the boats across a calm surface of water, what happens when you blow gently and then with more force?

Does the boat move faster if you blow the air close to the boat or far away?

Can you use the straw to create waves across the water?

