Today's Challenge:
Build a Gingerbread Cookie Zip Line!

Materials

- Gingerbread "Cookie" cutout - colour it to make it look good.
- paper clip
- scissors
- Fishing line
- tape
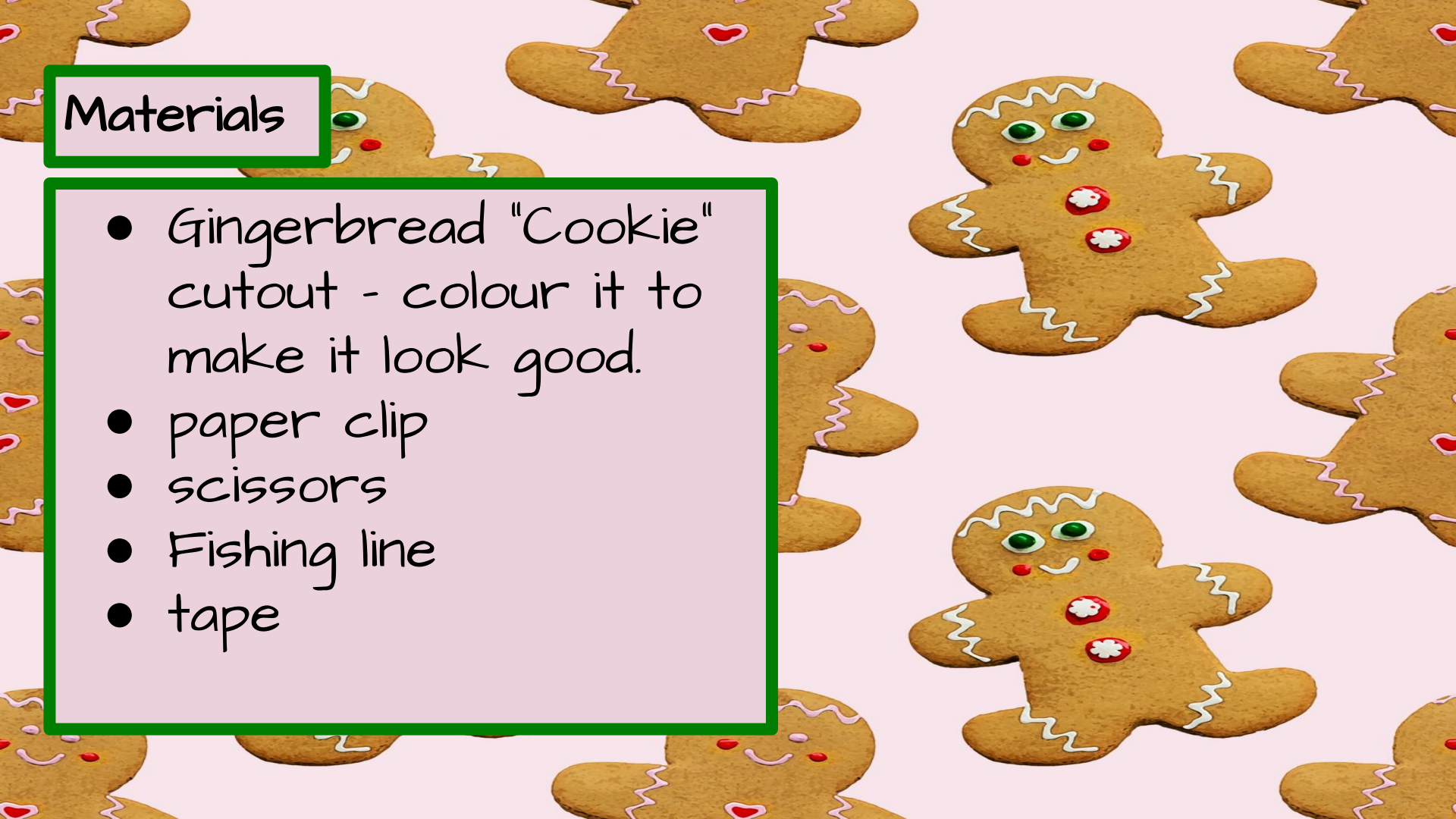
- Why do people use zip lines?
- How will the flyer stay on the line and not fall off as it goes from top to bottom?
- How will you make the flyer travel quickly down the zip line?
- There is ONE material I did not include on your materials list,, but you can ask for it when you figure it out. This item will help your Gingerbread person travel faster down the line. What might this item be?

Design

Write your design out on your paper (in the BLUEPRINT grid)

Build

- Start assembling your zipline.
- Make sure it is attached at both ends so you can test it later.
- Think about how your Gingerbread person will travel down the line. What adjustments can you make to your person or your line to make sure your person goes faster?
- Side note... you can't place your zip line completely vertical because you will kill your Gingerbread person.

Test, Rebuild

- Test your zip line.
- Does your Gingerbread person travel quickly? If not, redesign and try again.
- You can time your Gingerbread person's travels... we can note who's travels the fastest.

Reflect

- Answer the very easy questions on the bottom of your paper.
- Please hand it in to Ms/Mme Queck when you're done.