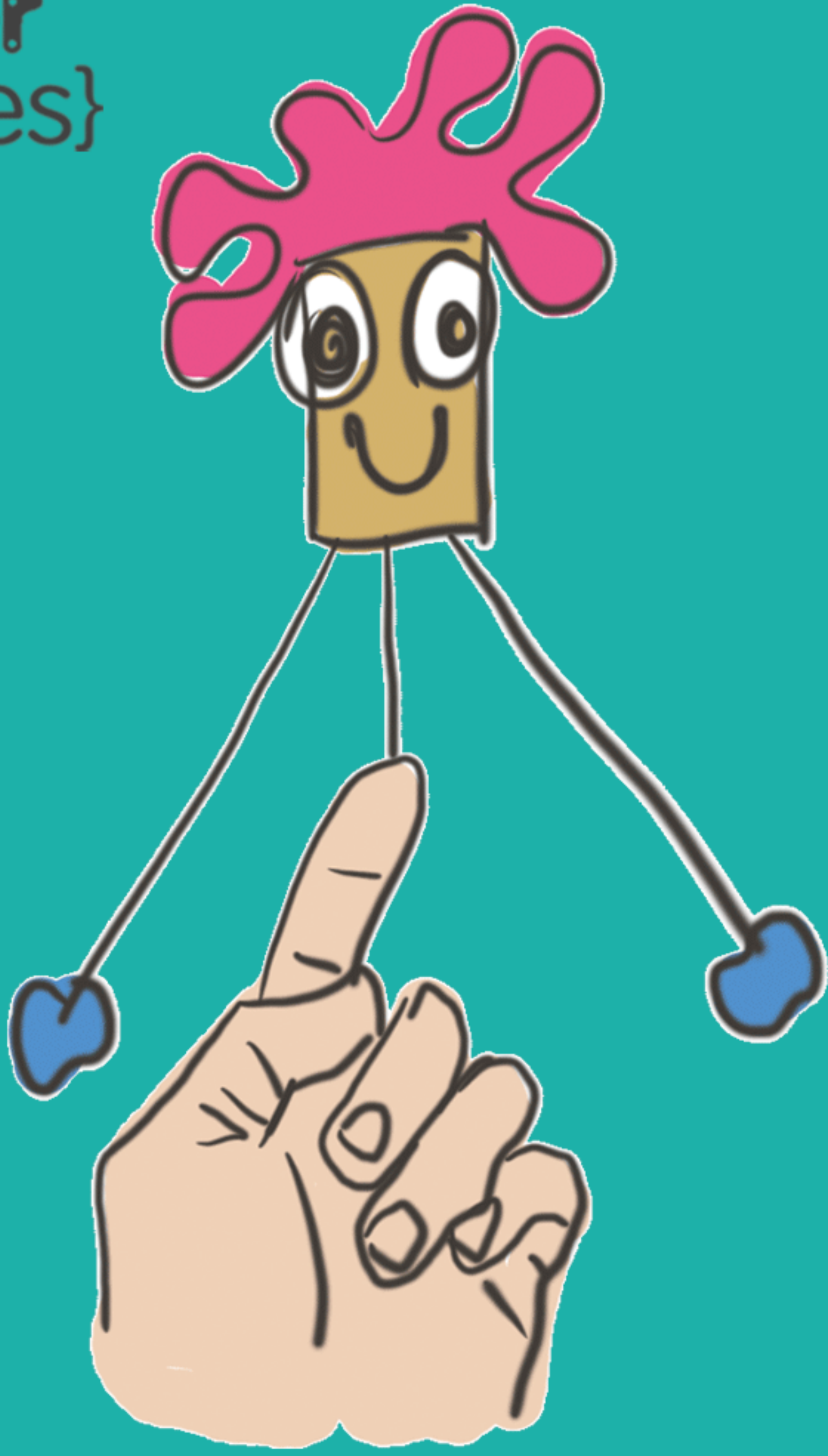


Maker
{Futures}



Balance Bot
Challenge

What you need:

- **A cork**
- **2 wooden skewers**
- **1 toothpick or short wooden skewer**
- **Blue tac or plasticine**

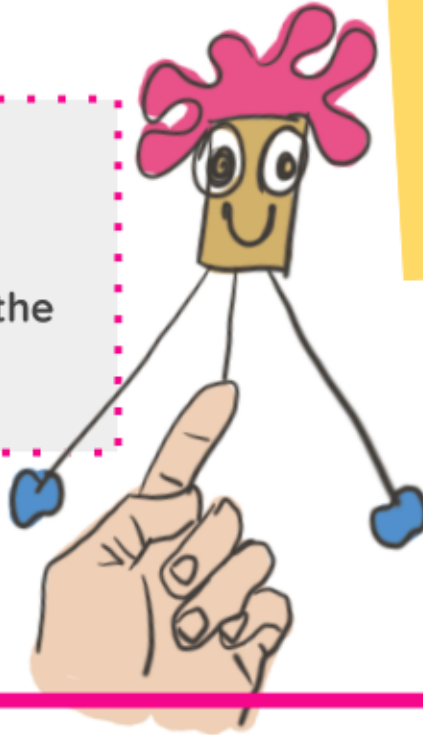
Maker{Challenge}

Balance Bot

Age: 5 yrs
Risk: low

{Challenge}

Can you make your own balance bot to balance on the tip of your finger?

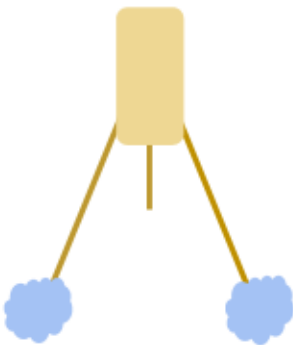


What you need

- A cork
- 2 wooden skewers
- 1 toothpick or short wooden skewer
- Blue tac or plasticine



- Try to balance on one leg. **look** in the mirror whilst you do it, watch how your body moves as you try to keep your balance!
- Now try **making** your own balance bot to balance on your finger!



1. Stick the two long wooden skewers into the cork at an angle.
2. Stick the third shorter wooden skewer/ toothpick in the bottom of the cork.
3. Place two blobs of blue tac or plasticine on the ends of the long wooden skewers.
4. Draw a face on your cork to bring your bot to life

- **Test** your bot out, can you balance it on the end of your finger?
- What happens if you change the sizes of blue tac blobs? What happens when you change the length of the longer skewers?

{Top tip}

Try to make the balls of blue tac a similar size, this will make it easier to balance your bot!