Challenge 1

Visit 2 or 3 projects.
Learn about their work.

Your Team Name:

Team Name's Visited:

Use these questions to help you ask questions and learn about other teams' models:

Can you describe your team model please?
_____
_____

Explain the problems your model solves in your community.
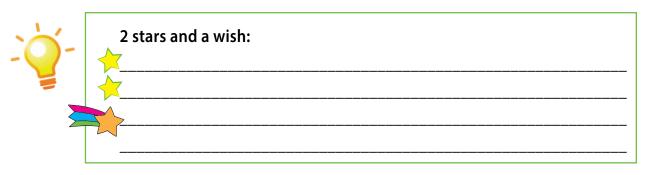
_____
_____

How did your team decide on what to build as the team model?
_____

How did your model change from the first build until now?
_____

What type of sensors and motors did you use? _____

Can you explain your code please? _____

What problems did you encounter with your code/model? How did you overcome them?
_____
_____

2 stars and a wish:

_____
_____
_____
_____

Challenge 1 continued...

What idea could you take away from the projects you've seen to improve or change your team's model, code or poster?

Draw a picture of this improvement. Don't forget to add labels!

Challenge 2

Visit 2 or 3 projects.
Compare the way
different motors and
sensors are used

Your Team Name:

Team Name's Visited:

Think: Find a model that uses 2 motors?
- What do think the motors do? Chat to the team - what do the motors do?
- Draw a picture that shows the motors.

Look for a model with 4 wheels.
- Why does it use 4 wheels?
- Could you redesign it to use 2 wheels?

Challenge 2 continued...

Find a light matrix. Draw a picture of it.
- Why does it light up?

Examine: Search for a model that uses the colour sensor in a way that you had not thought of.
Draw a picture to illustrate.