

Role Cards

Director

Who you are

You must work together to build an exact copy of a Lego structure using the pieces you are given. Your copy must be identical in every way. You must race other teams against the clock. Each team is building a different structure.

You must

- Help the team plan how you will build your structure together
- Help everyone work as a team and communicate
- Make sure everyone sticks to their role
- Tell the team that one piece in their bag is wrong and must be exchanged for the right piece

You must not

- Touch or move any Lego pieces
- Use the paper and pens
- Leave your team's table
- Ask the Research Officer questions about the model you must copy



Role Cards

Construction Manager

Who you are

Your role is to build your copy of the structure. You must also observe your team! How well do they work together and communicate?

You must

- Build your structure using the pieces of Lego
- Observe the team and at the end, complete the team assessment sheet

You must not

- Speak
- Use the paper and pens
- Leave your team's table
- Ask the Research Officer questions about the model you must copy

Role Cards

Store Manager

Who you are

Your role is to look after the pieces of Lego and give them to the Construction Manager when needed.

You must

- Hand over Lego pieces to the Construction Manager
- Go and exchange one piece of Lego once your team has worked out which one needs to be swapped

You must not

- Give Lego to any other team member except the Construction manager
- Touch or move any Lego pieces once they are in place
- Ask the Research Officer questions about the model you must copy



Role Cards

Research Officer

Who you are

Your role is to look at the model structure. You must answer your team's questions to help them build a copy.

You must

- Go and look at the original model whenever you need to
- Answer your team's questions using only 'yes' or 'no'

You must not

- Touch or move any Lego pieces
- Use the paper and pens
- Say anything other than 'yes' or 'no'

Role Cards

Planning Engineer

Who you are

Only you can talk to the Research Officer. Your role is to work with the Research Officer and make any notes, diagrams or plans to help your team.

You must

- Help the Research Officer describe the model you must copy by working out what questions to ask them – they can only answer 'yes' or 'no'
- Use the paper and pens to make diagrams, plans or notes

You must not

- Touch or move any Lego pieces
- Leave your team's table



Role Cards

Compliance Officer

Who you are

You have an important role. This is to watch the team and make sure that every member follows the rules for what they must not do.

You must

- Use the Role Summary table to make sure you know what each person must not do
- Observe the team
- Tell members when they break a rule
- Record any rule-breaking using the Penalty Table
- At the end, add up the penalties that the team has incurred

You must not

- Touch or move any Lego pieces
- Help the team in any way
- Show the team the Role Summary table or your Compliance Officer's penalty sheet