

*There will be packs available to collect from the foyer, including axels and chassis. We will send a text out when they have been prepared.*

### 1, Watch YouTube clips

<https://youtube.com/watch?v=TqeXRtc12-U>  
<https://youtube.com/watch?v=iXMzx6AWZtY>  
<https://youtube.com/watch?v=wBIHXAzcVXg>

Discuss roles of emergency services fire, police, ambulance.

2, Watch this clip showing types of vehicles.

<https://youtu.be/uRKqX78Mfc0>

3, Recall and discuss means of transport used by emergency services. -

Why do vehicles have wheels?

-Do they all have the same number and size of wheels?

-Why are vehicles different shapes?

Which vehicles have parts that move, light up or make a noise?

7, Evaluate your vehicle is their anything you like or anything you might have done differently.

6, Create your own emergency vehicle. from your design. Ensuring that its has an working axel.

5, Watch this short story about wheel and axles.

[https://youtu.be/Lpey\\_cCqS\\_I](https://youtu.be/Lpey_cCqS_I)

4, Design a vehicle for an emergency service of their choice.

Draw and label a picture of their design. Consider-

-features and functions

-what vehicle will include

-what they will need, including tools and joining components

