

# Developing a design for a sign holder

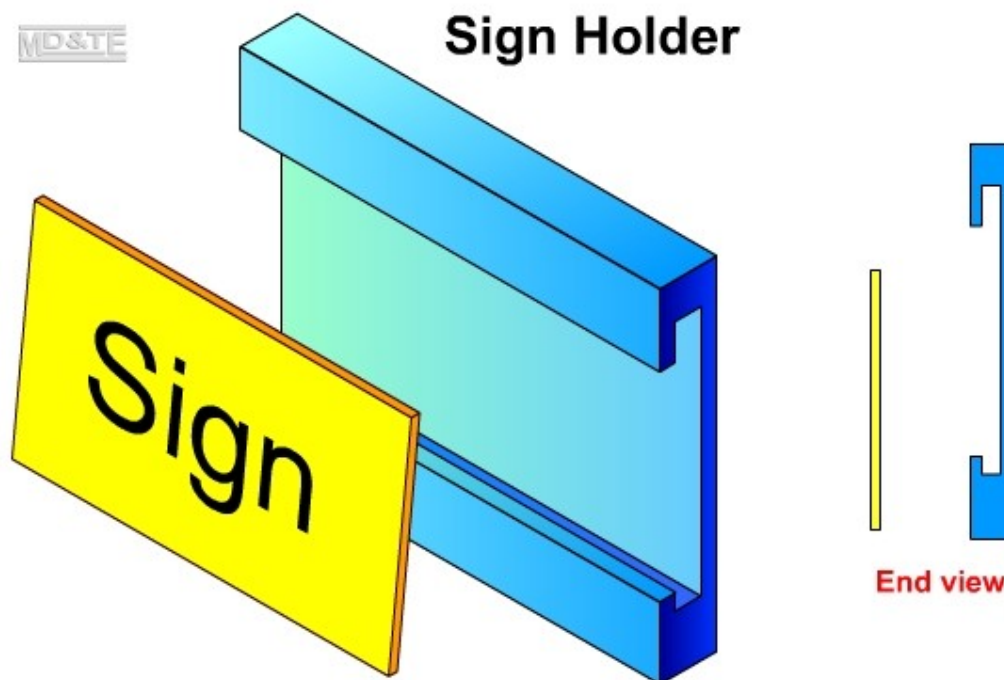
## Iterative design development

This design exercise will develop your iterative designing capability.

Iterative design development is the process of analysing, evaluating and modifying designs, then repeating the process until a suitable design is found.



You will start with a hazy idea for a sign and sign holder and develop the idea into a clear and detailed design.



## **Design Development**

An idea for a sign and sign holder is illustrated overleaf.

The design is still only a "hazy impression" of what could be because there are lots of things about the design that are still uncertain, e.g.

- the size of the sign
- the size of the holder
- how the holder will be made
- which materials could be used to make the sign and the sign holder
- how parts of the sign holder could be fixed together
- whether the sign holder will be fixed to a wall, hung from the ceiling, stood on the floor or a piece of furniture, etc
- how the sign and sign holder will be finished
- the features that will make it safe to use
- the features that will ensure that it will be robust enough for constant use.

These are some of the questions that need to be answered. There will be others.

## **What you have to do**

Draw the design of the sign and sign holder shown in the illustration overleaf.

Develop the design so that all problems are solved and you have a design that could be made. Use notes and sketches to record your ideas as they develop. Your modified design must have sufficient detail and information on it for someone to be able to make the sign and sign holder without needing extra information from you.

Your final design must be drawn to scale using orthographic projection.