

# Year 8 Engineering Knowledge Organiser

BEING SAFE IN THE WORKSHOP



## BEING SAFE

What will you do to ensure your own and others safety in the workshop?  
What are the safety Rules?

## DESIGN BRIEF & SPECIFICATION

What do you need to make?  
Who will use what you make?  
What are the desired features of what you are going to make?  
What materials will you use ?

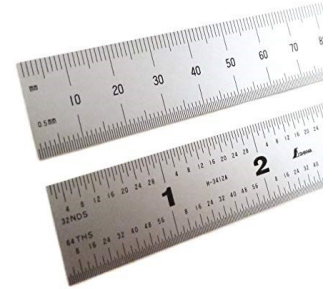
2D  
DESIGN

V2 COMPUTER AIDED DESIGN

Drawing Ideas on a computer

## Units of measurement

mm cm m



MARKING OUT  
PILLAR DRILL  
DESIGN BRIEF  
SPECIFICATION  
RECYCLABLE MATERIALS  
DATUM EDGES  
RESEARCH  
ASSEMBLED  
RIVET  
RIVET GUN

TOOLS, MACHINES & PROCESSES



KEYWORDS & TERMS

PLAN

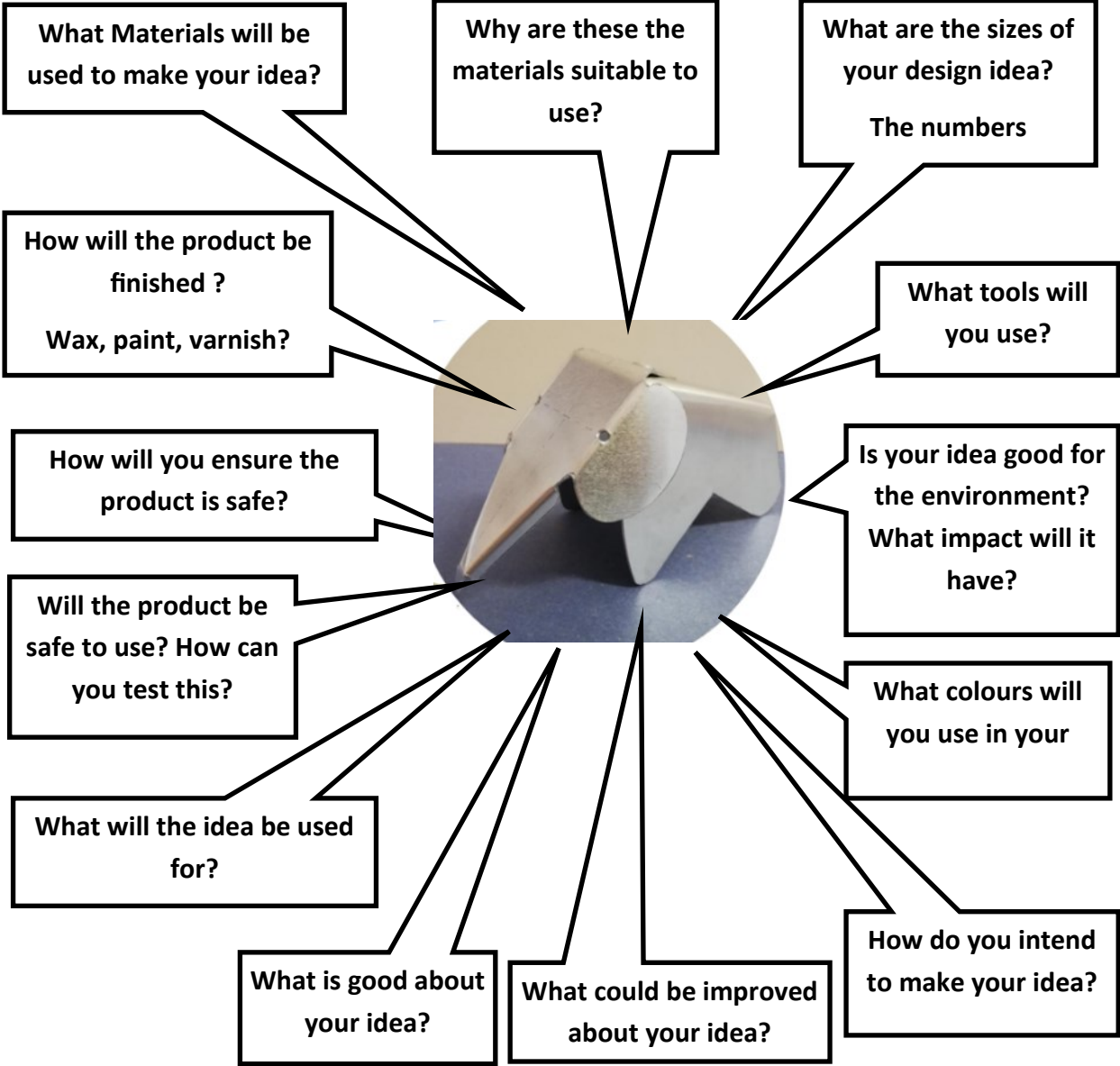
ENGINEERING

MAKE

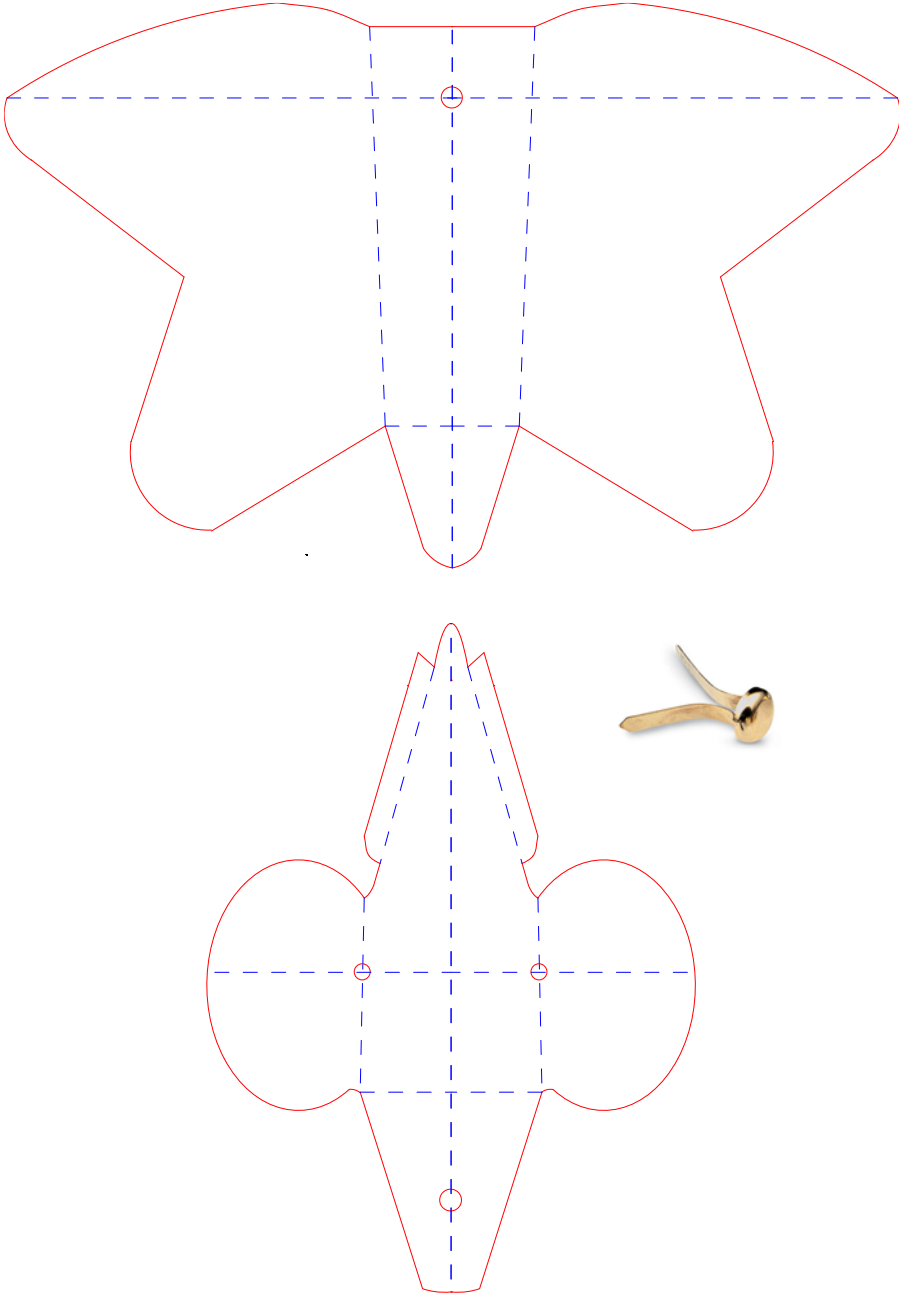
PROCESS

EVALUATE

# Adding Labels to your Design Ideas; Annotation



# Using Card Templates



Could you make a card model using templates?