

# Revision sheet Year 7 Exam

## Health and Safety Rules:

No Running or being silly.  
Always wear an Apron/PPE (Personal Protective Equipment).  
Do not use tools as toys.  
Check tools are in good condition before using.  
Tie Hair back/Tuck ties in.  
Blazers must be hung up and bags stored at the front of the room  
Never be in the DT room working along without a qualified person.  
Only one person working on machinery (one other person may support).  
Do not talk to someone who is using tools/machinery

## Research the following tools:

Tri Square  
Metal Ruler (a metal ruler is different as it's made of metal for strength, the zero starts and the edge of the ruler and its measurements are in mm).  
Belt Sander  
Pillar Drill  
Files  
Tenon/Back Saw

## Research the correct order of the design process:

Design Brief (this is important as it gives us all the essential instructions to follow so we don't make mistakes)  
Task Analysis – (Brainstorming of Ideas using a mindmap)  
Moodboard (a moodboard is when we look for images to help us draw them out accurately and also it will save us time if we have an image to reference and use as influence) –  
Initial Ideas – (drawing out our initial thoughts)  
Development – (developing our chosen initial idea using through modelling)  
Final Outcome – (after developing a model we then make final amendments and make out final product)  
Evaluation (research why we need to evaluate our final made product).

## The processes you learnt to be accurate when making your block bot are:

Measuring – Marking out Drilling – Sawing – Finishing (sanding).

# Revision sheet Year 7 Exam

## Health and Safety Rules:

No Running or being silly.  
Always wear an Apron/PPE (Personal Protective Equipment).  
Do not use tools as toys.  
Check tools are in good condition before using.  
Tie Hair back/Tuck ties in.  
Blazers must be hung up and bags stored at the front of the room  
Never be in the DT room working along without a qualified person.  
Only one person working on machinery (one other person may support).  
Do not talk to someone who is using tools/machinery

## Research the following tools:

Tri Square  
Metal Ruler (a metal ruler is different as it's made of metal for strength, the zero starts and the edge of the ruler and its measurements are in mm).  
Belt Sander  
Pillar Drill  
Files  
Tenon/Back Saw

## Research the correct order of the design process:

Design Brief (this is important as it gives us all the essential instructions to follow so we don't make mistakes)  
Task Analysis – (Brainstorming of Ideas using a mindmap)  
Moodboard (a moodboard is when we look for images to help us draw them out accurately and also it will save us time if we have an image to reference and use as influence) –  
Initial Ideas – (drawing out our initial thoughts)  
Development – (developing our chosen initial idea using through modelling)  
Final Outcome – (after developing a model we then make final amendments and make out final product)  
Evaluation (research why we need to evaluate our final made product).

## The processes you learnt to be accurate when making your block bot are:

Measuring – Marking out Drilling – Sawing – Finishing (sanding).