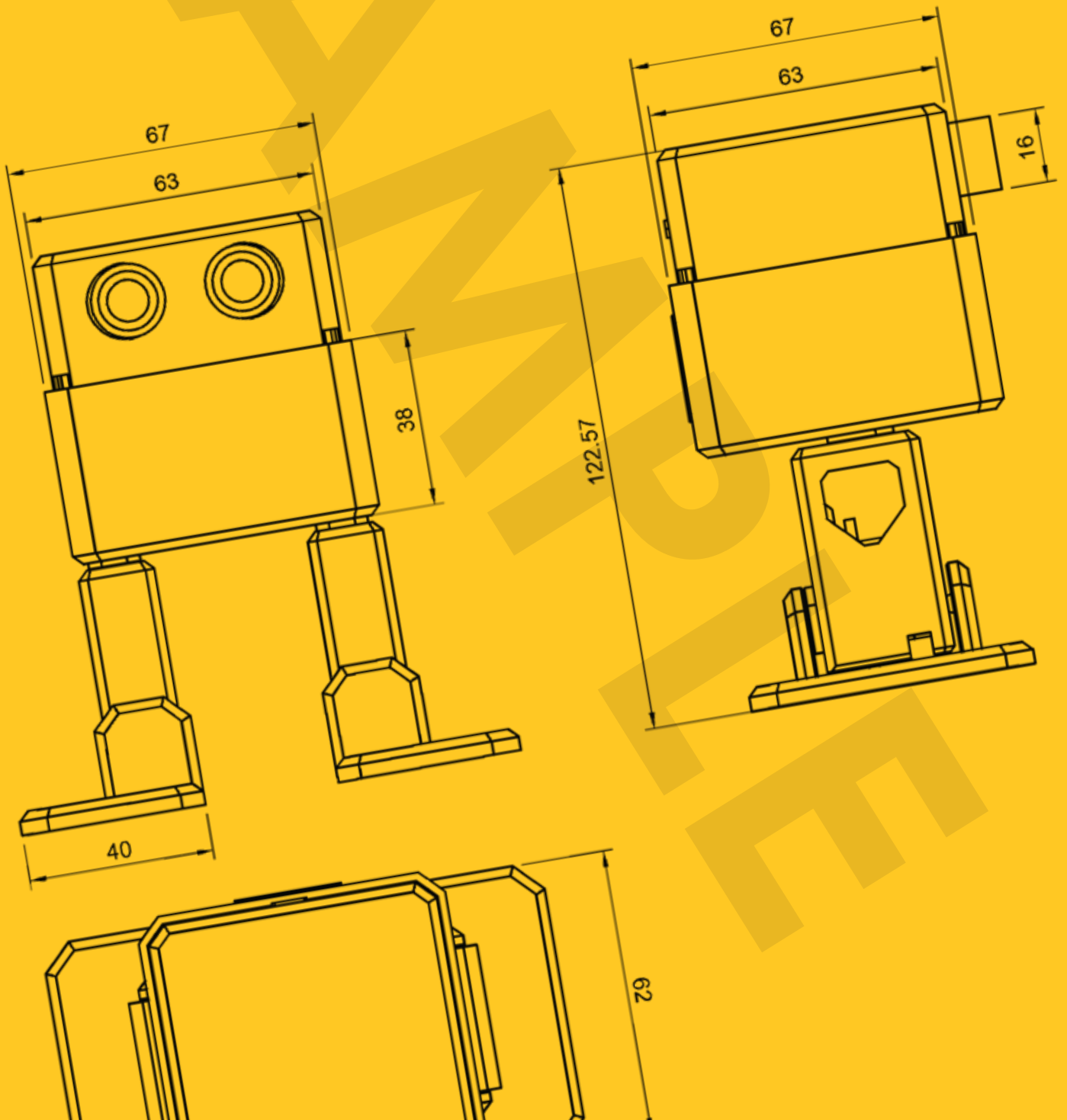




DEPARTMENT OF DESIGN, TECHNOLOGY & ENGINEERING  
**WORKBOOK**



# Attainment

We will break each grade into +/- or just grades to give an indication of where you stand 'within' the band for homework and classwork.

## Level

6  
+ -

- \* A clear understanding of all stakeholder requirements, and strong evidence of an iterative approach to designing and developing
- \* This level will be awarded for a highly developed and outstanding performance in all areas with a confident degree of independent learning
- \* The quality of your work and effort is consistent with attention to detail and presentation
- \* Confident understanding and use of materials, processes and techniques, CAD and CAM
- \* Depth of knowledge and understanding of the work of designers and manufacturers

5  
+ -

- \* A good understanding of key stakeholder requirements
- \* This level will be awarded for a well considered, confident, independent approach
- \* The quality of your work and effort is consistent with attention to detail and presentation
- \* Developing evidence of an iterative approach to designing and developing
- \* Confident use of materials, processes and techniques, CAD and CAM
- \* Knowledge and understanding of the work of other designers and manufacturers

4  
+ -

- \* Some understanding of key stakeholder requirements
- \* This level will be awarded for a competent and well considered approach
- \* The quality of your work and effort is consistent with attention to detail and presentation
- \* Evidence of an iterative in design and/or development
- \* Developing confidence in using materials, processes and techniques, CAD and CAM
- \* Your work shows evidence of knowledge and understanding of the work of other designers and manufacturers.

3  
+ -

- \* Little evidence of stakeholder requirements
- \* This level will be awarded for a considered and consistent approach
- \* Developing confidence in using materials, processes and techniques, CAD and CAM
- \* Aim to focus more on iteration at the design or development stage
- \* You will show some knowledge and understanding of the work of other designers and manufacturers
- \* Consider the presentation of your work more carefully

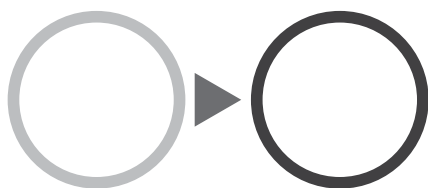
2  
+ -

- \* No evidence of stakeholder requirements
- \* This level will be awarded for a considered and appropriate response
- \* A growing confidence in materials, processes and techniques, CAD and CAM
- \* The quality of your work and effort may vary
- \* Aim to focus more on iteration in the ideation stage
- \* Consider the presentation of your work more carefully
- \* You need to spend more time and care on homework and classwork

1  
+ -

- \* No evidence of stakeholder requirements
- \* This level will be awarded for a growing understanding of the task
- \* A growing confidence in materials, processes and techniques, CAD and CAM
- \* The quality of your work and your general effort is unsatisfactory
- \* Focus more on attention to detail, and consider the presentation of your work more carefully
- \* You need to spend more time and care on homework and classwork
- \* There is no evidence of iteration in your work

## My targets



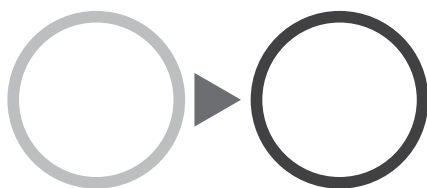
Assessment Date:  
To hit my target I will:

\_\_\_\_\_

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\_\_\_\_\_ achieved



Assessment Date:  
To hit my target I will:

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_ achieved



Assessment Date:  
To hit my target I will:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ achieved

# EFFORT GRADES!

## A OUTSTANDING

- \* Fully focused in lessons contributing to discussion
- \* Work both in class and at home always done to best of ability
- \* Fully equipped for every lesson and always punctual
- \* All deadlines met
- \* Evidence of independent attitude to learning and consolidation of ideas outside class

## B GOOD

- \* Hardworking and attentive in lessons
- \* Work both in class and at home complete and presented to the best of their ability
- \* Fully equipped for every lesson and always punctual
- \* All deadlines met
- \* Evidence of consolidation of ideas outside class and some independent learning
- \* Must never distract others

## C SATISFACTORY

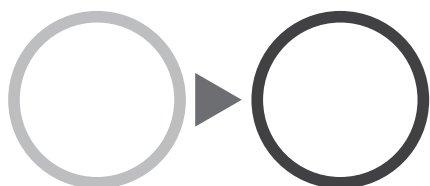
- \* Generally hardworking and attentive in lessons but focus may slip
- \* Work both in class and at home usually complete and presented to the best of their ability but sometimes suffers from lack of preparation
- \* Well equipped for every lesson and usually punctual
- \* Deadlines generally met
- \* Evidence of consolidation of ideas outside class
- \* Should never distract others

## D UNSATISFACTORY - This grade will be given if any of the following apply.

- \* Tendency for attention in lessons to wander
- \* Work both in class and at home may suffer from lack of effort
- \* Pupil forgets to bring correct equipment to lessons and arrives late
- \* Work maybe handed in late or incomplete
- \* Evidence for revision for tests may be lacking
- \* Tendency to distract others

## E UNACCEPTABLE - This grade will be given if any of the following apply.

- \* Attention in lessons frequently wanders
- \* Work both in class and at home is poor
- \* Pupil rarely arrives with the correct equipment
- \* Work is frequently handed in late or incomplete
- \* Pupil often distracts others



Assessment Date:  
To hit my target I will:

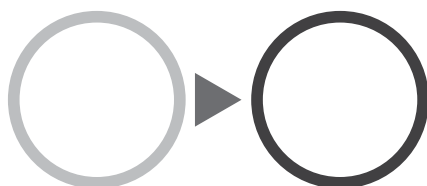
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\_\_\_\_\_ achieved



Assessment Date:  
To hit my target I will:

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\_\_\_\_\_ achieved



Assessment Date:  
To hit my target I will:

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\_\_\_\_\_ achieved

SAMPLE



### SPAG

Remember to double check your work.

Accuracy

Spelling

Grammar

Date / /



### KEY WORDS

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### KEY POINT

I have learnt

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SAMPLE



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# General Health & Safety Rules

When you are in any workshop or design space, there are general H&S rules you will need to follow. It is important that you know and remember these, to keep yourself and others safe. In the space below, what are the 10 rules?

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Name the tool/equipment, label its parts, describe how to use it, and state any specifics that relate to its safe use.

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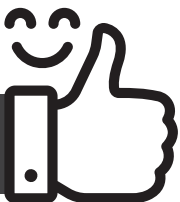
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Name the tool/equipment, label its parts, describe how to use it, and state any specifics that relate to its safe use.

**APPROVED!**



This work has met the expectations of the BHS DTE Department for H&S.

Teacher signature:

Date of completion:

Name the tool/equipment, label its parts, describe how to use it, and state any specifics that relate to its safe use.



AMPERE



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