

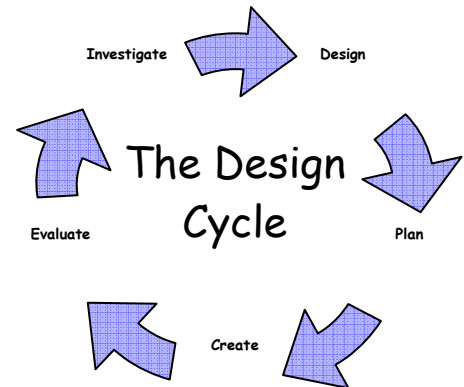
# Locker Project

## Guiding Question/Problem

How do I know which books to get from my locker during the day?

## Area of Interaction

Approaches to Learning



## INVESTIGATE (Criteria A)

*For this assessment task I am not assessing you on this criterion - here is a brief example of what you might have written.*

### THE DESIGN PROBLEM

When pupils at ISM start Grade 7 they have to get used to going to different classrooms for their lessons. They are only allowed to go to their lockers at certain times of the day (before registration, break and lunch). This can cause pupils to get a detention from their teacher if they forget to get a book for a lesson as they cannot return to their locker.

### THE DESIGN BRIEF

I am going to design and make something that can go inside my locker so that I will remember all the books I need for my lessons. Whatever I make must be easy to read and save me time when deciding on which books to take. I must use only software available to me in school.

### SPECIFICATION

- My solution must fit on A4 paper.
- I will use a colourful theme so that my solution is eye-catching.
- I will use Microsoft Word to create my solution.
- My solution will show all lessons I have every day.
- The text must be easy to read.

# Design

(Criteria B) (6 marks)

1. **Draw** at least **3** different designs onto paper - they must meet the design specification.
2. **Evaluate all designs** - for each design say what are the **strengths** and **weaknesses** of the design.
3. **Choose 1** of your designs to be the final creation and say why you chose this one.
4. **Evaluate your choice** in detail - explain why you think your choice meets the **design specification**.

Achievement Level	Descriptor
0	You have not reached a standard described by any of the descriptors given below <b>or</b> You did not produce any designs.
1 – 2	You have only produced <b>one</b> design. You have attempted to <b>explain your choice</b> against the <b>design specification</b> , but it is poor.
3 – 4	You have produced <b>two</b> designs. You have <b>explained your choice</b> of final design. You have attempted to <b>evaluate</b> this choice against the <b>design specification</b> .
5	You have produced <b>three</b> designs mostly meeting the guiding question/problem. You have attempted to <b>evaluate</b> the designs against the <b>design specification</b> . You have <b>explained your choice</b> of final design. You have attempted to <b>evaluate this choice against the design specifications</b> .
6	You have produced <b>three or more</b> designs all meeting the guiding question/problem. You have <b>evaluated all designs against the design specification</b> . You have <b>explained your choice</b> of final design. You have <b>evaluated this choice against the design specification</b> .

# Plan

(Criteria C)

*For this assessment task I am not assessing you on this criterion - here is a **basic** example of what you might have done.*

Tasks	week 1	week 2	week 3	week 4	week 5	week 6
<b>Design</b>						
Draw 3 designs						
Evaluate designs						
Choose and evaluate						
<b>Create</b>						
Create table						
Process journal						
<b>Evaluation</b>						
Evaluate performance and product						

# Create

(Criteria D) (6 marks)

1. Make the product.
2. You must **follow the time plan**.
3. Write a **process journal** for the creation of the product, to include:
  - a written explanation of the process you took in creating the product;
  - what tools you used and for what;
  - when you used the tools.

**Tip:** remember to use the **Stamp** key on the keyboard to take a screenshot of your work every few minutes.

Achievement Level	Descriptor
0	You have not reached a standard described by any of the descriptors given below <b>or</b> You do not create the product.
1 – 2	You have <b>tried to follow your design and time plan</b> but not successfully. You have created part of the product.
3 – 4	You have <b>used appropriate techniques and equipment</b> . You have <b>followed your design or time plan</b> . You have produced a <b>satisfactory quality</b> product.
5	You have <b>used appropriate techniques and equipment</b> . You have <b>followed your design and time plan</b> You have produced a <b>good quality</b> product.
6	You have <b>competently used appropriate techniques and equipment</b> . You have <b>followed your design and time plan</b> You have produced an <b>excellent quality</b> product. You have produced a <b>good process journal</b> .

# Evaluate

(Criteria E) (6 marks)

1. Evaluate your performance during criteria B and D
  - a. Describe what you did well and what you did badly.
  - b. Suggest 1 improvement you would make for each criterion.

*The next part must be written one week after using your product.*

2. Evaluate the success of your product after using it for 1 week - have you been able to organise the books you needed for each lesson; was the product easy to follow; was the product put in a place where you could see it clearly?

*Answer in full sentences.*

3. Evaluate the impact of your product on your life in school - has the product made your life easier; are you still receiving memory marks for not having the correct books; do you need to visit your locker during lessons because you forgot equipment?

*Answer in full sentences.*

Achievement Level	Descriptor
0	You have not reached a standard described by any of the descriptors given below <b>or</b> You have not produced an evaluation.
1 – 2	You have <b>attempted to evaluate your own performance</b> or <b>the product</b> , but not both. You have <b>attempted to test</b> the product.
3 – 4	You have <b>evaluated the product</b> or <b>your own performance</b> . You have <b>suggested</b> ways in which your performance could be <b>improved</b> , but not for all criterions. You have attempted to <b>test</b> the product.
5	You have <b>attempted to test</b> your product. You have <b>attempted to evaluate the success of the product</b> . You have <b>evaluated your performance at each stage of the design cycle</b> . You have <b>suggested</b> ways in which your performance could be <b>improved</b> .
6	You have <b>successfully tested</b> your product. You have <b>evaluated the success of the product</b> . You have <b>evaluated your performance at each stage of the design cycle and suggested improvements</b> . You provided an <b>appropriate evaluation of the impact of the product on your school life</b> .

# Attitude

 whilst working on this assessment: (Criteria F) (6 marks)

Achievement Level	Descriptor
0	You have not reached a standard described by any of the descriptors given below.
1 - 2	You are <b>occasionally</b> motivated, you try to work independently, you have a satisfactory attitude to the topic <b>or</b> you attempt to cooperate and show respect to others. You <b>occasionally</b> work safely.
3 - 4	You are <b>frequently</b> motivated, you can work independently most of the time, you have a good attitude to the topic <b>and</b> you can cooperate and show respect to others. You <b>frequently</b> work safely.
5 – 6	You are <b>consistently</b> motivated, you are able to work independently, you have an excellent attitude to the topic <b>and</b> you can cooperate and show respect to others. You <b>consistently</b> work safely.