

Lesson	Content	Completed?
1	<ul style="list-style-type: none"> Project introduction: Brief and identifying property keywords Paper and board sample Analysis and product examples <p><i>Homework:</i> Create a step by step diagram to explain how paper is made.</p> <p><i>Challenge:</i> Research and create a step by step to explain how corrugated cardboard is made.</p> <p><i>Further challenge:</i> Research and create a step by step to explain how corrugated cardboard is made.</p>	
2	<ul style="list-style-type: none"> Analysis of existing products Design Specification Initial Ideas Identifying food groups and keywords Food analysis Healthy sandwich idea 	
3	<ul style="list-style-type: none"> Criteria analysis Design sketch ideas 1 and 2 with keyword annotations, colour and tone. Peer/ self assessment <p><i>Homework:</i> Create a diagram/ sketch with annotations to explain how offset lithography printing works.</p> <p><i>Challenge:</i> How many other paper and board printing methods can you list?</p> <p><i>Further challenge:</i> Explain how all other paper and board printing methods work.</p>	
4	Practical 2D Net <ul style="list-style-type: none"> Marking Cutting Assembly 	
5	Practical 2D Net <ul style="list-style-type: none"> Marking Cutting Assembly Evaluation <ul style="list-style-type: none"> Self and peer Assessment Testing with client interview <p><i>Homework:</i> To come up with a list of questions that you could ask in an interview with your client about your final model.</p>	

THE BIG PICTURE

Why are we learning how to make a pack lunchbox ?

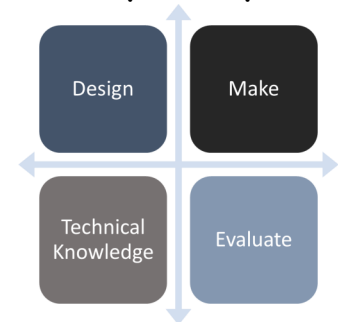
You are learning how to make a lunch box so that you:

- ◆ Develop use of keywords to annotate and communicate your ideas.
- ◆ Develop and create a successful net.
- ◆ Develop and enhance your workshop skills and learn to use the equipment more independently.
- ◆ Can fully explain the properties of paper and board and can

Challenge!

What areas of the four key concepts for Design & Technology have you worked in during this cycle?

Circle your response



What area do you think is your strongest?

.....

Why?

.....

.....

.....

.....

My Expected Grade

Teacher Assessed Grade (circle)

SBE

BE

E

AE

SAE

Comment:

Grade

8 - 9

I can...

- Explain most examples of paper and boards, their properties and where they can be used.
- Confidently explain what a healthy diet is and implement in all of my design ideas.
- Develop my ideas using 3D drawing techniques which show relevant details of materials; measurements and processes.
- Demonstrate the ability to effectively plan and manufacture a high quality product.
- Write a detailed specification using keywords appropriately with justifications for my points.
- Reflect on my research; analyse the information and make judgements which will inform my design decisions.
- Model my ideas effectively to scale and evaluate third party feedback to modify; improve and reproduce new prototypes based on this feedback.
- I can work safely in the workshop with a good degree of accuracy and skill.
- Produce a useful questionnaire that uses different types of questions (open and closed) to test my making.
- Analyse an existing product, focussing on its form, function and eight other keywords. Explanation each comment.
- Be creative and experimental when developing design ideas/ programming– display clearly with notes and labels.

6 –7

I can...

- Explain multiple examples of paper and boards, their properties and where they can be used.
- Demonstrate understanding of a healthy diet and implement in my design ideas.
- Fully develop a range of ideas with clear annotation, linking my development to ongoing research.
- Write a specification using a range of keywords effectively.
- Analyse an existing product, focussing on its form, function and eight other keywords. Explanation each comment.
- Reflect on my research; analyse the information and make judgement which will inform my design decisions.
- I can work safely and skilfully in the workshop using a range of tools and equipment.

Tick when you think you are able to define the meaning of the keyword

KEYWORDS
4 –5

I can...

- Explain some examples of paper and boards, their properties and where they can be used.
- Demonstrate some understanding of a healthy diet and implement in my design ideas.
- Explain what a design process is and develop my ideas within this.
- Plan and manufacture a good quality product.

KEYWORD	DEFINITION

 **LEARNING TOOLS**

Challenge! 

Can you add more keywords you have covered?

Further Challenge!  

Can you explain what the keywords mean?