Learning Flow

Term 2 - Levers & linkages

What do we already know?

Topic Page - Prior knowledge , What do we already know? What questions do we have? What are Levers? How are they used?



Evaluate -What are levers and

linkages BBC Teach

- What kinds of levers, linkages and fulcrums
- are there? How do they move?
- What parts are there?



- Understand and use lever and linkages, and fixed and loose pivots.
- How do pneumatics work?
- · Practice making different types of lever and linkage





Design

- Design Criteria Create a history booklet with moving parts using levers and linkages/ pneumatics
 - Generate realistic ideas and use annotated sketches and prototypes to develop, model and communicate ideas





Select and use tools with some accuracy to cut, shape and join paper and card.





Make

Select and use tools with some accuracy to cut, shape and join paper and card.



- Does it fit design criteria? : Check your ? : Evaluate your lever.
- Answer these questions, what do you like about it?
- What will you change next time?
- · What did you find difficult doing?
- What could you have done differently?







Learning Flow Term 4 — Framed and Shell Structures

What do we already know?

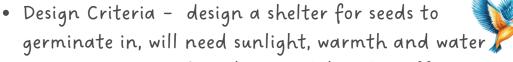
Topic Page - Prior knowledge, What do we already know? What questions do we have? What are Levers? How are they used?







- Differences between framed and shell structures
- What can they be used for?



• Draw a design, make it big and label the different parts.





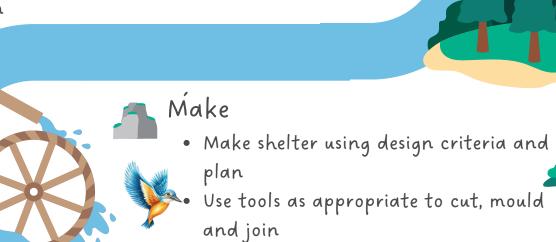
Make

Techniques workshop

- Cutting
- · Moulding
- · Joining

Make

- Make shelter using design criteria and plan
- Use tools as appropriate to cut, mould and join



Evaluate

- Does it fit design criteria?
- Evaluate your shelter by answering these questions:
- Does it all the germinating seed to get what it needs to germinate, and grow?
- What do you like about it?
- What would you change next time?
- · What did you find difficult doing?
- · What could you have done differently?

Learning Flow

Term 6 — Food technology — Kebabs with medium resistance foods



- What is a kebab?
- Sweet or savoury?
- What fruits/Veg go well together?
- Could you add in cheese?
- Class survey

Research

- Recipes
- Healthier substitutes



Design

- Design Criteria design a savoury and a sweet kebab/skewer
- Draw a design, make it big and label the different parts.



Preparation

- Techniques workshop
- How would you present your snack?
- Labels for ingredients
- Name/Logo/Catchphrase



Make

- Follow a recipe
- Prepare ingredients

Evaluate

- Does it fit design criteria?: Check your muffins/rock cakes taste good.
 Evaluate your snack by answering these questions,
- What do you like about it?
- What would you change next time?
- What did you find difficult doing?
- What could you have done differently

