

# Learning Flow

## Term 1 – Puppets

### What do we already know??

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

### Evaluate – What already exists?

- BBC Teach
- What kinds of puppets are there?
- Do they move? Easily Broken?
- Identify techniques

### Research

- types of puppet - stick, hand, shadow
- how will it move?
- draw all three
- model one

### Techniques workshop

Joining techniques

Sewing stitches - running stitch, blanket stitch

### Design

- Design Criteria - design a moving puppet of a one of our Historical queens
- What features would they need?
- Catchphrase?
- Draw a design, make it big and label the different parts.

### Make

Make puppet

Select material, tools and equipment

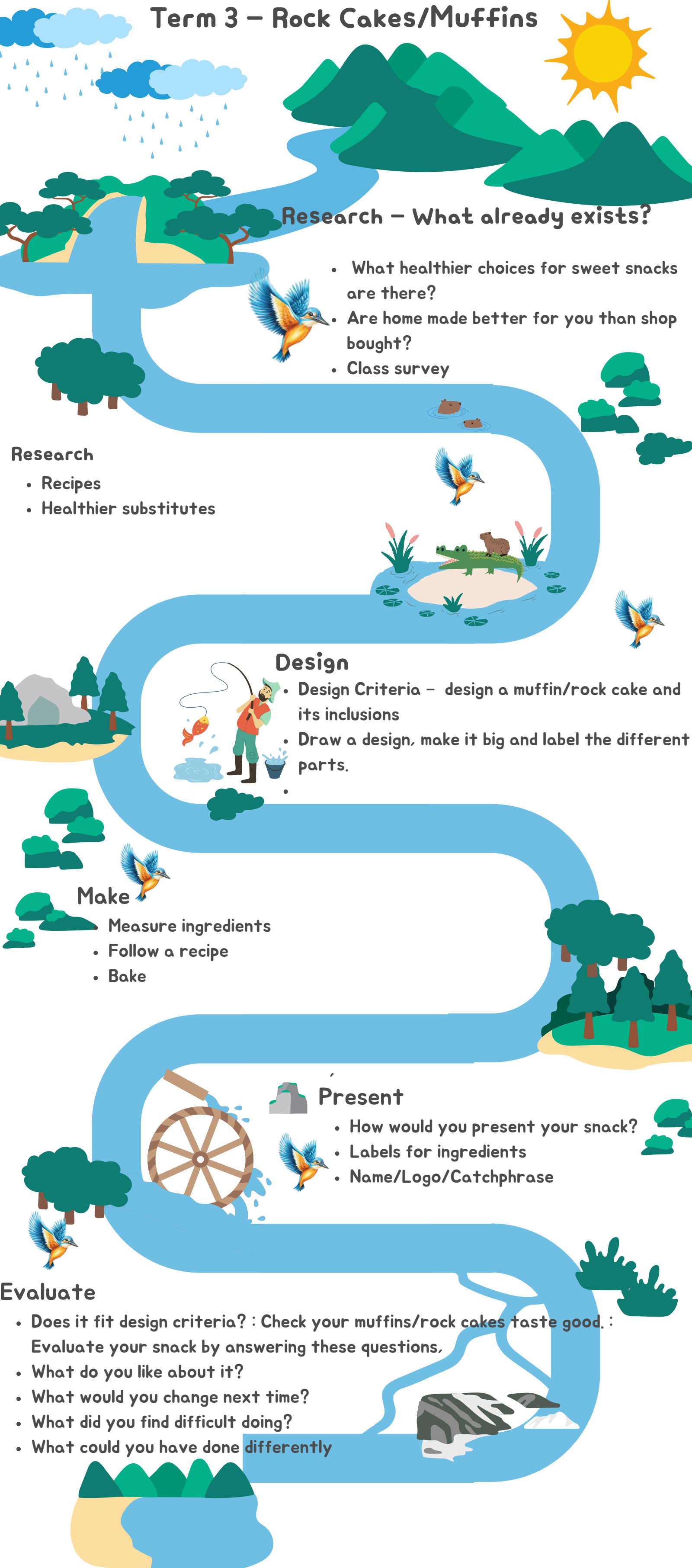
- Measure and cut accurately
- Join safely and securely
- Decorate

### Evaluate

- Does it fit design criteria? : Check your moving puppet moves. Does it look like the chosen queen? : Evaluate your puppet. 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?

# Teaching Sequence

## Term 3 – Rock Cakes/Muffins



### Research – What already exists?

- What healthier choices for sweet snacks are there?
- Are home made better for you than shop bought?
- Class survey

### Research

- Recipes
- Healthier substitutes

### Design

- Design Criteria – design a muffin/rock cake and its inclusions
- Draw a design, make it big and label the different parts.
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### Make

- Measure ingredients
- Follow a recipe
- Bake

### Present

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

### 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

# Teaching Sequence

## Term 5 – Wheels and Axles



### Research – Why are axles important?

• BBC Teach



### Research

- Revisit the concept of friction and explain the role of wheels and axles.
- <https://www.bbc.co.uk/bitesize/articles/zmt7p9q>



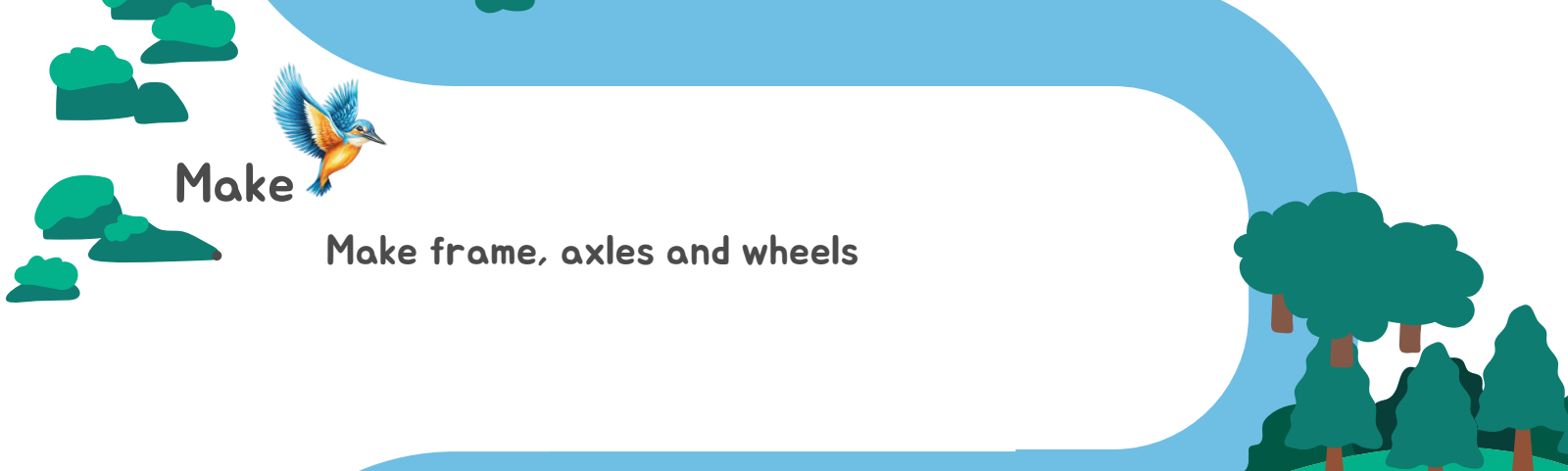
### Design

- Design Criteria – design a moving vehicle (ice cream van, truck, car, tractor, army tank etc.)
- Draw a design, make it big and label the different parts.



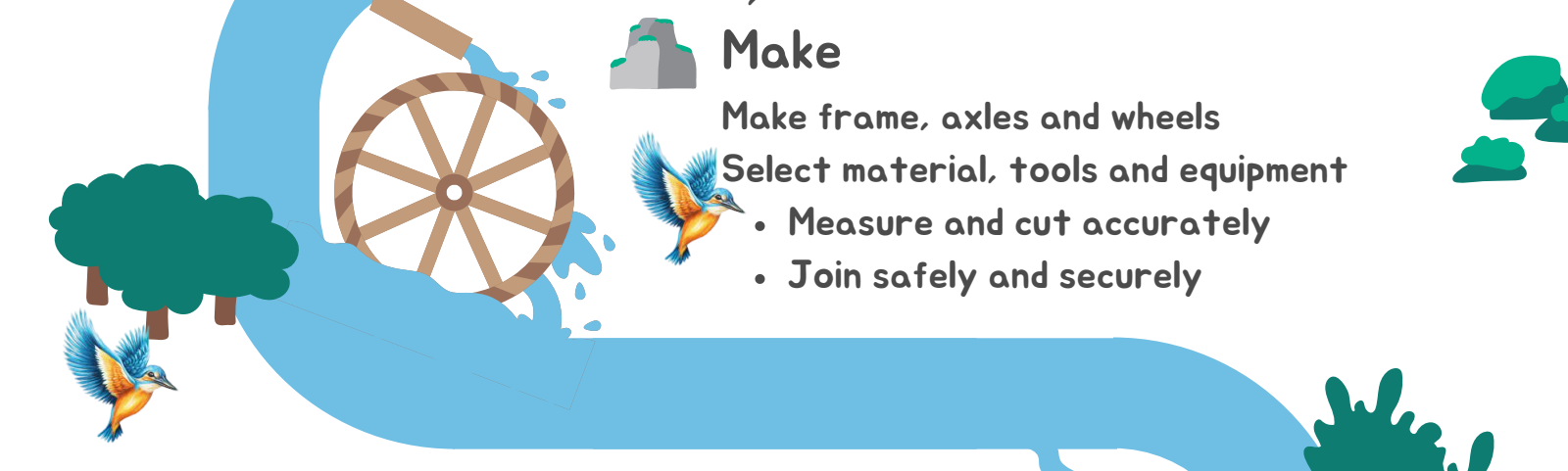
### Make

Make frame, axles and wheels



### Make

- Make frame, axles and wheels
- Select material, tools and equipment
- Measure and cut accurately
- Join safely and securely



### Evaluate

- Does it fit design criteria? : Check your moving vehicle works. Does it get from A to B without falling down? : Evaluate your vehicle. 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

