

# Learning Flow

## Term 2 – Moving Pictures

What do we already know?  
Topic Page – Prior knowledge,  
What do we already know? What  
questions do we have?

### Evaluate – What already exists?

- What kinds of moving pictures are there? Pop up. Levers Sliders? Are they sturdy? Easily Broken?
- Identify techniques

### Technical Workshops.

- Sliders
- Levers (1, 2 and 3)

### Design Criteria

- Design Criteria – Design a picture with moving parts to illustrate narrative unit in English, at least two moving parts, durable and strengthened.

### Design

- Ideas
- Draw and label design & refine
- Plan the process/instructions
- Any technical knowledge needed

### Make

- Select material, tools and equipment
- Measure and cut accurately
- Join safely and securely

### Evaluate

- Does it fit design criteria?
- Does it move smoothly?
- What could you have done differently?

# Learning Flow

## Term 4 – Healthy Sandwich

What do we already know?

Topic Page - Prior knowledge ,  
What do we already know? What  
questions do we have?

Evaluate – What kinds of  
sandwiches are there?

- What kinds of sandwich are there?
- Evaluate range of popular sandwiches
- Data collection across school
- Most/Least popular

Design– design a healthy sandwich for Miss  
Baddeley

- Design Criteria
- Ideas
- Draw and label design
- Refine
- Plan the process/instructions
- Any technical knowledge needed?

Make and Evaluate

- Select ingredients, equipment
- Prepare, Cut, Spread ingredients

Evaluate

- Does it fit design criteria?
- Does it taste good?
- Is it easy to eat?
- What could you have done differently?

Design– design a carrier for the sandwich

- Design Criteria
- Ideas
- Draw and label design & refine
- Plan the process/instructions
- Any technical knowledge needed

Make

- Select material, tools and equipment
- Measure and cut accurately
- Join safely and securely

Evaluate

- Does it fit design criteria?
- Does it protect the sandwich?
- What could you have done differently

# Learning Flow

## Term 6 – Free standing structures

### Bridges

What do we already know?  
Topic Page – Prior knowledge,  
What do we already know? What  
questions do we have?

#### Evaluate – What already exists?

- What is a freestanding structure? A freestanding structure is a structure that stands on its own foundation or base without attachment to anything else.
- What examples can you think of?

#### Design Criteria

- Develop an idea of a bridge they could make.
- Consider function, user and purpose.
- Ideas
- Draw and label design & refine
- Plan the process/instructions
- Any technical knowledge needed

#### Technical Workshops.

- assemble, join and combine materials and components

#### Make

- Select material, tools and equipment
- Measure and cut accurately
- Join safely and securely

#### Strong, Stiff and Stable

- Select material, tools and equipment
- Measure and cut accurately
- Join safely and securely

#### Evaluate

- Does it fit design criteria?
- Does it hold a given weight?
- Is it stable?
- What could you have done differently?