| **Sample assessment task** | |
|---|---|
| **Year level** | 7 |
| **Learning area** | Technologies |
| **Subject** | Digital Technologies |
| **Title of task** | Stop motion movie |
| **Task details** | |
| **Description of task** | Students will create a stop motion movie from a series of photographs to demonstrate a concept from another class. |
| **Type of assessment** | Formative |
| **Purpose of assessments** | To assess students collaborative and creative skills to develop a stop motion movie using software |
| **Assessment strategy** | Practical evidence, observations, graphic organiser |
| **Evidence to be collected** | • Stop motion movie<br>• Planning |
| **Suggested time** | 5 x 1 hour lessons |
| **Content description** | |
| **Content from the Western Australian Curriculum** | ***Knowledge and understanding***<br>**Representation of data**<br>Digital systems represent text, image and audio data<br>***Processes and production skills***<br>**Collecting, managing and analysing data**<br>Explore how to acquire data from a range of digital sources<br>**Collecting, managing and analysing data**<br>Create information using relevant software, and create data to model objects and/or events<br>**Investigating and defining**<br>Define and break down a given task, identifying the purpose<br>**Producing and implementing**<br>Safely make solutions using a range of components, equipment and techniques<br>**Collaborating and managing**<br>Work independently, and collaboratively when required, to plan, develop and communicate ideas and information when using management processes |
| **Task preparation** | |
| **Prior learning** | Students are familiar with using software that will allow still images to be converted to a movie to create a stop motion movie |
| **Assessment differentiation** | Teachers should differentiate their teaching and assessment to meet the specific learning needs of their students, based on their level of readiness to learn and their need to be challenged.<br>Where appropriate, teachers may either scaffold or extend the scope of the assessment tasks. |

| Assessment task | |
|---|---|
| **Assessment conditions** | Students work collaboratively in groups of approximately 3–4 people per group. |
| **Resources** | • Movie editing software<br>• Tablet or digital camera |

**Instructions for teacher**

1. Arrange students in groups or have them select their own groups of three to four students.
2. Students brainstorm possible ideas for their stop motion movie.
3. Each group should produce a stop motion movie on a different concept.
4. Still images for the stop motion movie should be original (e.g. with the use of digital camera or tablet).
5. Music, voice overs and sound effects can be added to help explain a concept, if required, and where appropriate.
6. Once the task is completed, have the students show their video to the whole class.

**Worksheet/booklet for students**

**Task Description: Stop Motion Movie**

Name _____

Working in groups of 3–4 per group, you are to create a stop motion movie to illustrate a concept you have learnt in another class; for example, you could create a movie to demonstrate:

- Maths: How to calculate the area of a given shape
- Science: What is a solar eclipse?
- HASS: How supply and demand determines the price of a product

You will need to plan and capture your own original images to complete the task.

**Before you begin**, what is a stop motion movie and how is it created?

_____

_____

_____

_____

_____

**Task planning:**

I am working with _____

Movie topic _____

Software we will use _____

Resources we will need (e.g. camera, paper, pens, scissors, pictures of ….) and who will provide them:

_____

_____

_____

_____

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_____

What can we do to improve our final movie? (e.g. add sound effects, music)

_____

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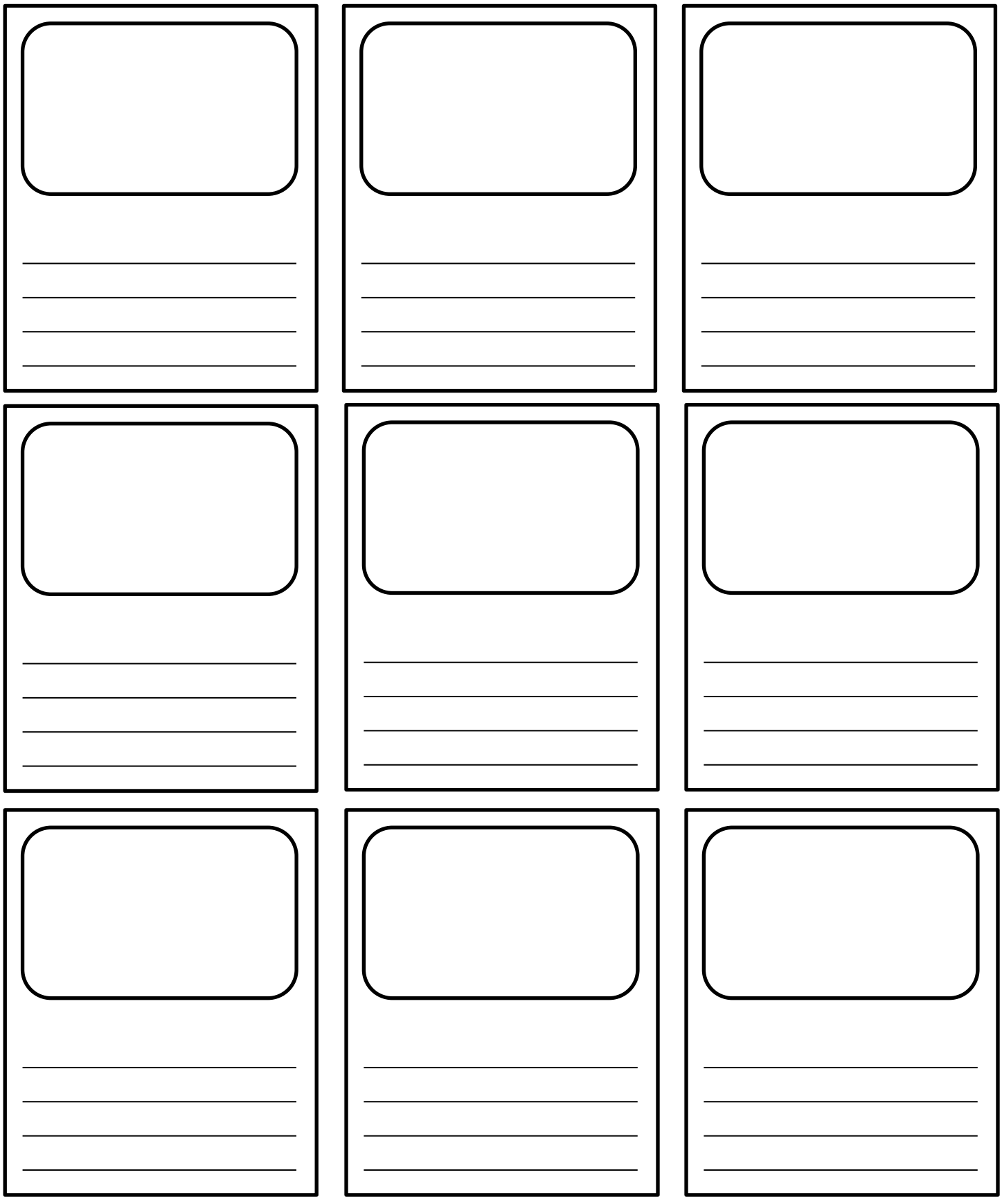
Storyboard



Teacher observation checklist (for formative assessment)

| Teacher checklist | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | ✓ if observed | | | | | | | | | |
| **Student Name** | Works collaboratively | Works independently | Plans work | Uses equipment safely | Uses software efficiently and effectively | Provides assistance to others if, required | Seeks assistance, if required | Final product demonstrates concept | | **Comments** |
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Sample marking key (for summative assessment)

| Sample marking key | |
|---|---|
| **Description** | **Marks** |
| Investigating and defining | |
| Aim of stop motion movie is clearly identified and consideration is given to all required components to be able to achieve an appropriate solution for the target audience. | 4–5 |
| Aim of stop motion movie is identified and some consideration is given to all required components to be able to achieve a solution for the target audience. | 2–3 |
| Aim of stop motion movie is presented with little thought to requirements to be able to achieve a solution. | 1 |
| **Subtotal** | **5** |
| **Description** | **Marks** |
| Producing and Implementing | |
| Uses a range of techniques, software and hardware safely to create a stop motion movie that demonstrates the selected concepts clearly and logically. | 9–10 |
| Uses a range of techniques, software and hardware safely to create a stop motion movie that mostly demonstrates the selected concepts clearly. | 7–8 |
| Uses some techniques, software and hardware safely to create a stop motion movie that demonstrates some of the select concepts clearly. | 5–6 |
| Uses some techniques, software and hardware to create part of a stop motion movie that demonstrates some of the select concepts. | 3–4 |
| Uses limited techniques, software and hardware to create part of a stop motion move that demonstrates limited selected concepts. | 1–2 |
| **Subtotal** | **10** |
| **Description** | **Marks** |
| Collaborating and managing | |
| Works collaboratively and independently, as required, using appropriate digital technology tools to plan and create a stop motion movie that meets its aim. | 4–5 |
| Works collaboratively and independently, as required, most of the time, using digital technology tools to plan a stop motion movie that mostly meets its aim. | 2–3 |
| Works collaboratively and independently, some of the time, to create some of a stop motion movie. | 1 |
| **Subtotal** | **5** |
| **Total** | **20** |