Names : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**STEAM Storyboard - iMovie Project**

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| --- |
| **Your task:**  Pick an experiment, a craft, a Math problem, etc. to teach/describe for an audience of grade 2 students.  Create an iMovie which will be effective in communicating your “lesson/demonstration.” You will first create a storyboard planning all the details followed by filming and editing to reach the final product of an iMovie.  The grade 2 students will watch this iMovie and share with you their learning. |

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| --- |
| **Goals for Learning:**   * Effectively portray a lesson or demonstration of a STEAM activity. * Use planning process to reach a final product. * Listen actively, contribute ideas, build on ideas and problem-solve in respectful ways. |

**STEP 1:**

* Choose an area of interest to you and your group: Science, Technology, Engineering, Art and Math.

**STEP 2:**

* Brainstorm and explore online various topics within your chosen area (STEAM).
* Choose 2 possible topics that you would like to focus on for your iMovie.

Possibility #1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Possibility #2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**STEP 3:**

* Develop 3 questions which will help you to know the understandings your grade 2 students may or may not already have about your topic, so that you can make informed decisions about your iMovie.
* Your last question should be asking your class to vote on their preference between your 2 chosen topics. If time allows, find out what they already know and wonder about.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Would you prefer to learn about: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_or

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **KNOW** | **WONDER** | **LEARNED** |
|  |  |  |

**STEP 4:**

* Go to your class and gather your information.

**Team Roles**

***Teams of 3 – Discuss TEAM AGREEMENTS. Ensure to decide on roles for each team member:***

1. **Team Leader: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Establishes and runs team meetings; sets and monitors goals; assigns tasks and divides work as needed; encourages and helps find solutions to conflicts *(relationship-oriented)*

1. **Organizational Lead: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Monitors time and the phases of design (the steps); maintains schedules and tracks progress toward goals; keeps track of materials; organizes and maintains team documents (*detail-oriented)*

1. **Design Lead: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Directs team to use the design process (steps); tracks the team’s use of each phase of design; gathers team perspectives and makes key design decisions (*process-oriented)*

**Steps:**

\_\_\_\_\_ Based on your research data, choose a particular STEAM topic.

\_\_\_\_\_ Use the storyline to plan the events of your film.

\_\_\_\_\_ Plan out the storyboard. Get permission to film.

\_\_\_\_\_ Film the planned sequence of scenes.

\_\_\_\_\_ Use the iMovie template \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and your storyboard planning to insert the filmed scenes.

\_\_\_\_\_ Review, analyze and make any necessary changes.

\_\_\_\_\_ Let Madame know you are finished and give her your iPad number.

Peer Evaluation Form

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write the names of your group members in the numbered boxes. Then, assign yourself a value for all the criteria listed. Finally, do the same for each of your group members. Add the total of all the values.

**Values: 1 = Not Yet Meeting Expectations 2 = Approaching Expectations**

**3 = Fully Meeting Expectations 4 = Exceeding Expectations**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Criteria** | **Myself** | **1.** | **2.** | **3.** | **4.** |
| **Participated in group planning and discussions.** |  |  |  |  |  |
| **Helped keep the group going and on task.** |  |  |  |  |  |
| **Contributed useful ideas.** |  |  |  |  |  |
| **Amount of work contributed.** |  |  |  |  |  |
| **Quality of work contributed.** |  |  |  |  |  |
| **Totals:** |  |  |  |  |  |

Group Self Evaluation Checklist

As a team, decide which answer best suits the way your team worked together. Then, complete the remaining sentences.

**We finished our task on time and we did a good job! \_\_\_ Yes \_\_\_ No**

**We used quiet voices in our communications. \_\_\_ Yes \_\_\_ No**

**We listened actively and respectfully to each other. \_\_\_ Yes \_\_\_ No**

Example**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**We contributed ideas and built on each other’s ideas. \_\_\_ Yes \_\_\_ No**

Example**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**We did best at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Next time, we could improve at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**