

Section 1 - Summary

1.1 Author(s)

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1.2 Background

I've been teaching for more than twenty years. Being in this school the last eight years, I know what the potentials are for both teachers and students.

1.3 Descriptive title

STEM through theater

1.4 Abstract

- This policy is about implementing STEAM activities in parallel with a play preparation by our school's theater group;
- We want our students to benefit from an holistic approach and learn to read between the lines of a script and identify opportunities for STEM applications.
- STEAM activities will last a whole school year.
- It is a great opportunity to build STEAM teams in our school.
- The administrator of the school has to approve it and get in contact with the Schools' Financial Committee.

Section 2 - Goals

2.1 General goal

- Our students are passionate about the school's theater group but STEM disciplines don't excite them.
- We can combine STEM and Art at our school.

2.2 General goal description

- The proposal is to create a group (or more) that will be acting in parallel with the theater group and in association with it. Students will follow educational plans based on the content of a script or the technical requirements of the play.

2.3 Strategic goals

- STEAM activities will last, every year, from November to April during the preparation of the play by the theater group. October will be dedicated to planning the activities, according to the script. An assessment of the effort will take place during May.

Section 3 - Targets

3.1 Beneficiaries

- The students, by taking part in STEAM activities will obtain new skills and will get in touch with both STEM and Art through theater.

3.2 Recipients

- Same as beneficiaries.

3.3 Special needs

- No beneficiaries with special needs or disadvantaged will be involved at present. But we will include them if they are interested, in the future.

Section 4 - Value Proposal

4.1 Value proposal

- Engage students in STEAM activities that will help them being creative, innovative and critical thinkers.

4.2 Results

- At least 25 students should be involved in these new STEAM teams.

4.3 Impact

- We aim to turn our annual theater play to a whole school fest. More students are expected to join during next years.

Section 5 - Costs

5.1 Cost structure

Keep the entries in the below list that are appropriate for your polices:

- consumables
- lab equipment

5.2 Funding opportunities

- Schools' Financial Committee

Section 6 - Action Plan

6.1 Activities

- The activities will vary according to the script, each year.

Section 7 - Risks

7.1 - Risks/Competition

a. Risk description

- No much partitipation of the students.

b. Probability

- 1

c. Severity

- 1

d. Mitigation strategy

- We can organize warm up workshops

7.2 - Risks/Opposition

a. Risk description

- Some colleagues may find it difficult to plan or take part in the activities.

b. Probability

- 2

c. Severity

- 1

d. Mitigation strategy

- A workshop about STEAM methodology.

7.3 - Risks/External Menace

a. Risk description

- The Financial Committee could cut down the budget.

b. Probability

- 2

c. Severity

- 2

d. Mitigation strategy

- A meeting with the Committee could help .