STEAM Activity

Name of the activity

Creating puppets.

Target age

10-12 years old

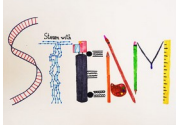| Motivation (context of the activity) |
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We invited theatre group to our school to see an amazing performance, unfortunately they forgot to take puppets with them, so our students decided to help them. They created awesome puppets.

Goals (STEAM Skills developed by students through this activity)

- Science:
  Learning about the structure of different materials (e.g. wood, polystyrene, fabric). Learning about different types of theater puppets.

- Technology:
  Creating puppets

- Engineering:
  Planning and designing the puppets

- Art:
  Painting and decorating the puppets

- Mathematics:
  Measuring fishing line

Methodology (describe step by step how the activity has to be carried out by the students and how teachers have to present it)

1. Dividing students into groups and gathering materials by the students in the class a week before project.
2. Teacher demonstrates the students different types of theater puppets.
3. Children create and decorate puppets.
4. Students check how the length of the line influences the work of the individual parts of the puppet
5. Students make a show using puppets they made

Materials (list all materials and resources needed to carry out the activity)

Three polystyrene balls (one large and two smaller), fishing line, hot glue gun, hot glue, two wooden skewers, colored strings, scraps of fabrics, paints, plastic eyes, sequins, feathers, etc.

Challenging questions (list the questions that help students to move forward and to reflect on what they are doing)

1. What kind of puppet do you want to create? A good or a bad character?
2. What will be the size of your puppets?
3. How can you decorate the outfit of puppets?
4. What devices do you need to create puppets ?

Assessment (survey / questions for the students to evaluate if the objectives of the activity have been achieved)

1. What was the name that you gave your puppets and why?
2. Do all elements in your puppy are movable?

Results (photos and videos)

Related links (support materials for the activity: documents, pictures, videos, tutorials, etc.)