



Erasmus+



Climate and Threats on Cultural Heritage (CATCH)

(2020-1-ES01-KA229-082560)

Italy Poland Serbia Slovakia Spain Turkey



### LESSON PLAN

<b>Name of the lesson</b>	<b>Creating resin jewelry with sand, blue dye and neon pigment</b>
<b>Grade</b>	13 - 14 years old
<b>Subject</b>	English language, Art, ICT
<b>Time</b>	1 lesson: 4 hours

<b>Target Behaviors</b>	<ul style="list-style-type: none"> <li>- Necessary materials as sand, plastic container, blue dye for the resin, glow powder, silicone molds, necklaces for mounting the pendent.</li> <li>- To choose what material they want to use (protective gloves, plastic container) for resin jewelry work.</li> <li>- To create a pendant inspired by the sea, learn to use the scale.</li> </ul>
<b>Keywords</b>	Resin, weighing components A e B, mix components A e B, create pendant with sand, blue pigment and glow powder.
<b>Methods</b>	Lecture, group work, cooperative learning, peer tutoring.
<b>Requirements</b>	<ul style="list-style-type: none"> <li>- The objects (recycling plastic container, recovery sticks to turn)</li> <li>- Material for creating jewelry resin (epoxy resin – scale - recycling plastic container – sand recovery, dye blue, glow powder)</li> <li>- Protective devices (protective gloves -protective masks – plastic table clothes)</li> </ul>

**Security**

The teacher makes the students wear the protective latex gloves before starting work with the resin, plastic table clothes to avoid soiling the counters.

**Operative steps**

- Wear gloves
  
- Weigh the two-component resin with the balance by removing the tare: component A 17gr - component B (10gr).
  
- Weigh the two-component resin with the balance by removing the tare: component A 17 (gr) - component B (10gr).
  
- Mix component A for 3 minutes, mix component B for 3 minutes. Add component B to component A and mix for another 3 minutes.
  
- Pour a little resin into the Sand glass and add a little sand. Pour some resin into the dye glass and add the dye. Pour some resin into the glow powder glass and add the fluorescent powder.
  
- Use the silicone molds (mold) and help yourself with the wooden rod to pour the colored resin, the one with sand and the one with glow powder into one of the molds to create a pendant.
  
- Allow the resin to solidify for 24 hours.

**Processing**

Announce crafts time.

Put all the necessary materials on the table.

Description and reading of the operative steps.

**The small working group should satisfy the following criteria:**

- The design of the pendant recalls the elements and the beauty of the sea.
  
- The resin pendant project sensitizes students in remembering the protection and preservation of marine coasts.



### Instruction given to students



#### Lab.Arte: creation with resin 21/3/22 - ERASMUS + Catch



#### STEP OPERATIVI:

- **Indossare i guanti**
- **Pesare** la resina bicomponente con la bilancia togliendo la tara: componente A 17 (gr) - componiete B (10gr)
- **Mescolare** il componente A per 3 minuti , mescolare il componente B per 3 minuti. Unire il componente B al componente A e mescolare per altri 3 minuti.
- **Versare** un pò di resina ottenuta nel bicchiere Sand e aggiungere un pò di sabbia. Versare un pò resina nel bicchiere colorant e aggiungere il colorante. Versare un pò di resina nel bicchiere glow powder e aggiungere la polvere fluorescente.
- **Usare gli stampi in silicone** ( molde) e aiutarsi con la bacchetta di legno nel versare la resina colorata, quella con sabbia e quella con glow power in uno degli stampi per creare un pendente.
- Lasciar **solidificare** la resina per 24h



#### STEPS:

- Wear gloves
- Weigh the two-component resin with the balance by removing the tare: component A 17 (gr) - compose B (10gr)
- Mix component A for 3 minutes, mix component B for 3 minutes. Add component B to component A and mix for another 3 minutes.
- Pour a little resin into the Sand glass and add a little sand. Pour some resin into the dye glass and add the dye. Pour some resin into the glow powder glass and add the fluorescent powder.
- Use the silicone molds (molde) and help yourself with the wooden rod to pour the colored resin, the one with sand and the one with glow power into one of the molds to create a pendant.
- Allow the resin to solidify for 24 hours

