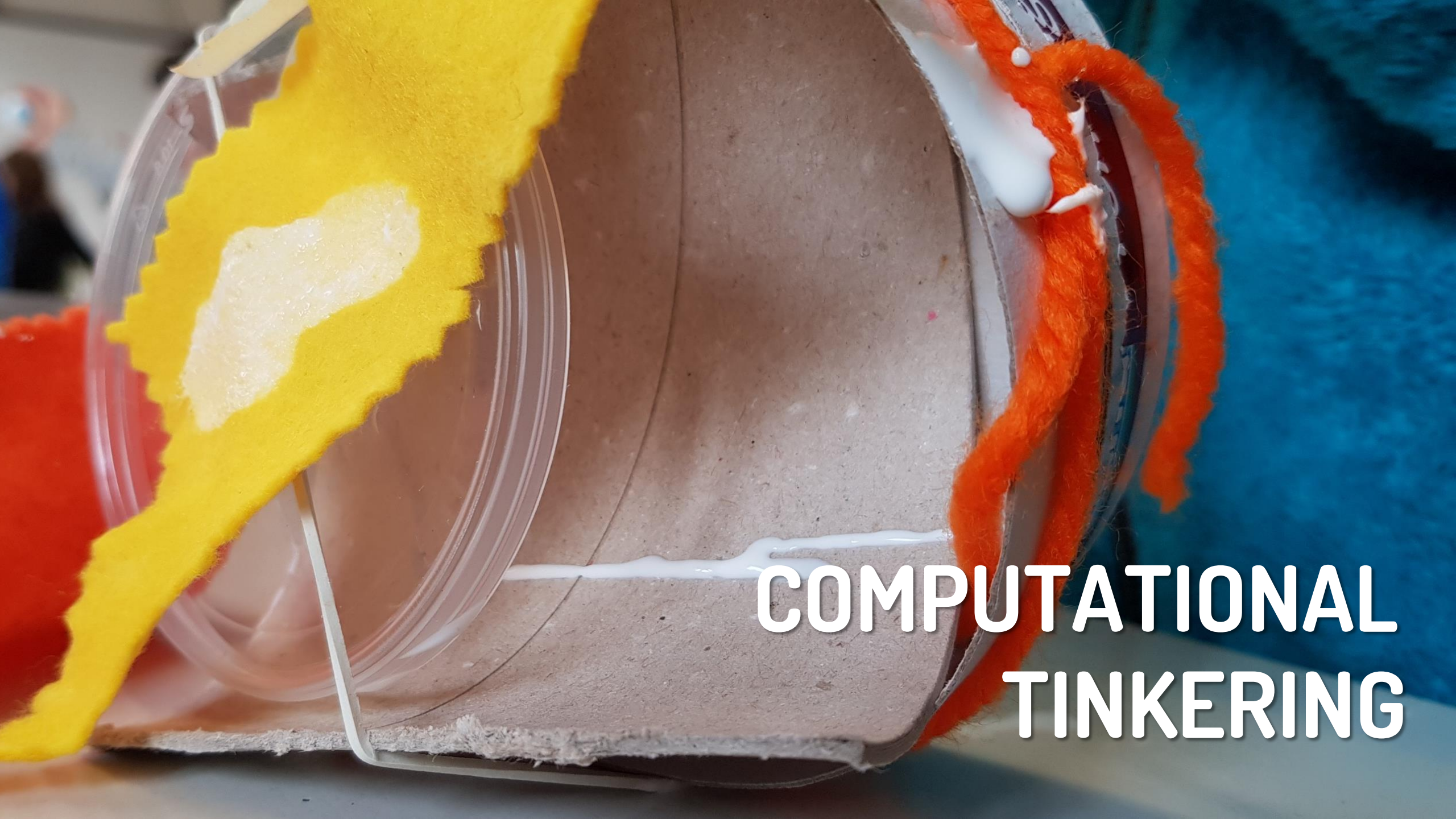


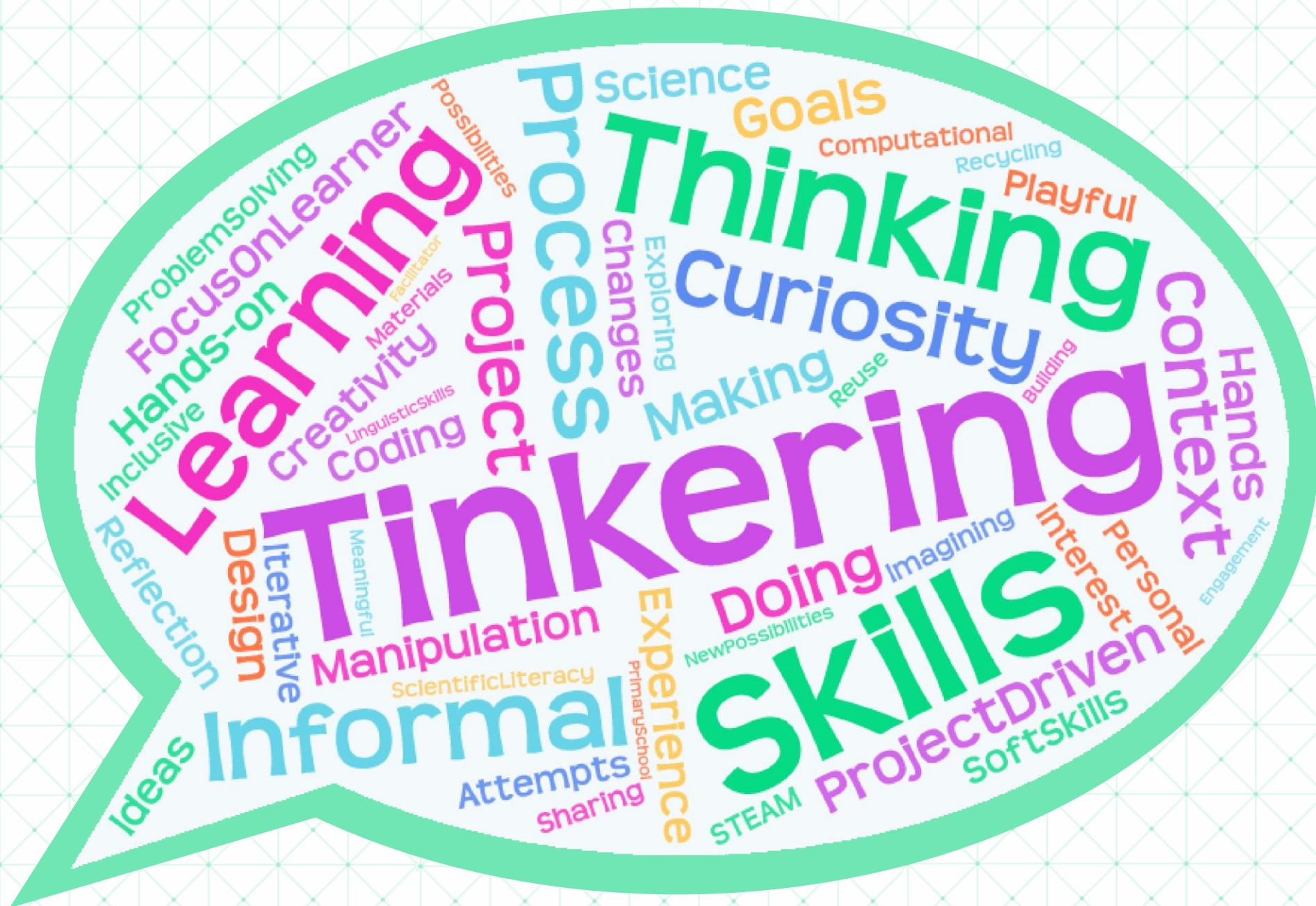
The illustration features a bright orange background with a light green diamond-patterned border. On the left, a person with dark hair, wearing a green shirt, red pants, and white headphones, sits on the floor using a white laptop. A yellow speech bubble is positioned above them. On the right, a person with long dark hair, wearing a teal dress and white headphones, stands and holds a red smartphone displaying a play button icon. A purple speech bubble is above them. The central text is in bold black font. Decorative elements include three sets of three parallel lines in green, red, and purple at the top left; three sets of three parallel lines in purple at the top right; and a row of eight sets of three parallel lines (alternating red and purple) along the bottom.

# **WEBINAR RICONNESSIONI PER DOCENTI**

**4 MARZO 2020**



COMPUTATIONAL  
TINKERING





# MATERIALI



# TOOLS



# OBJECTS



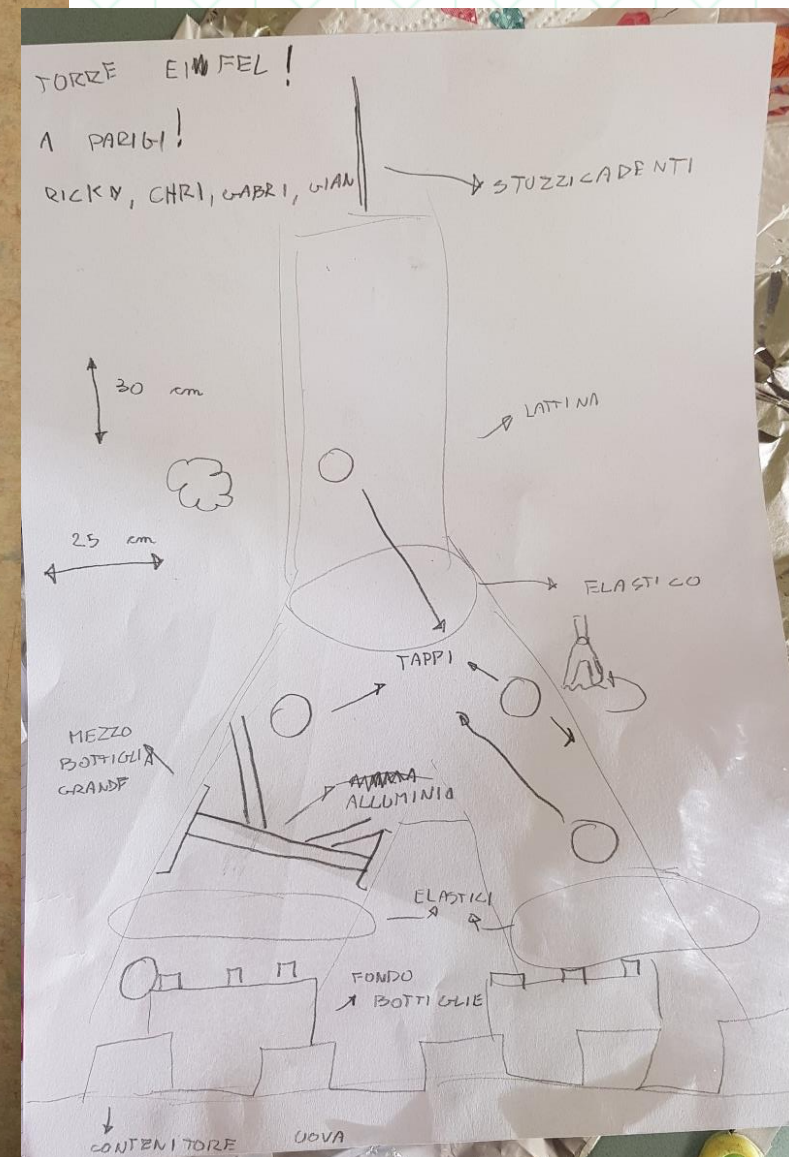
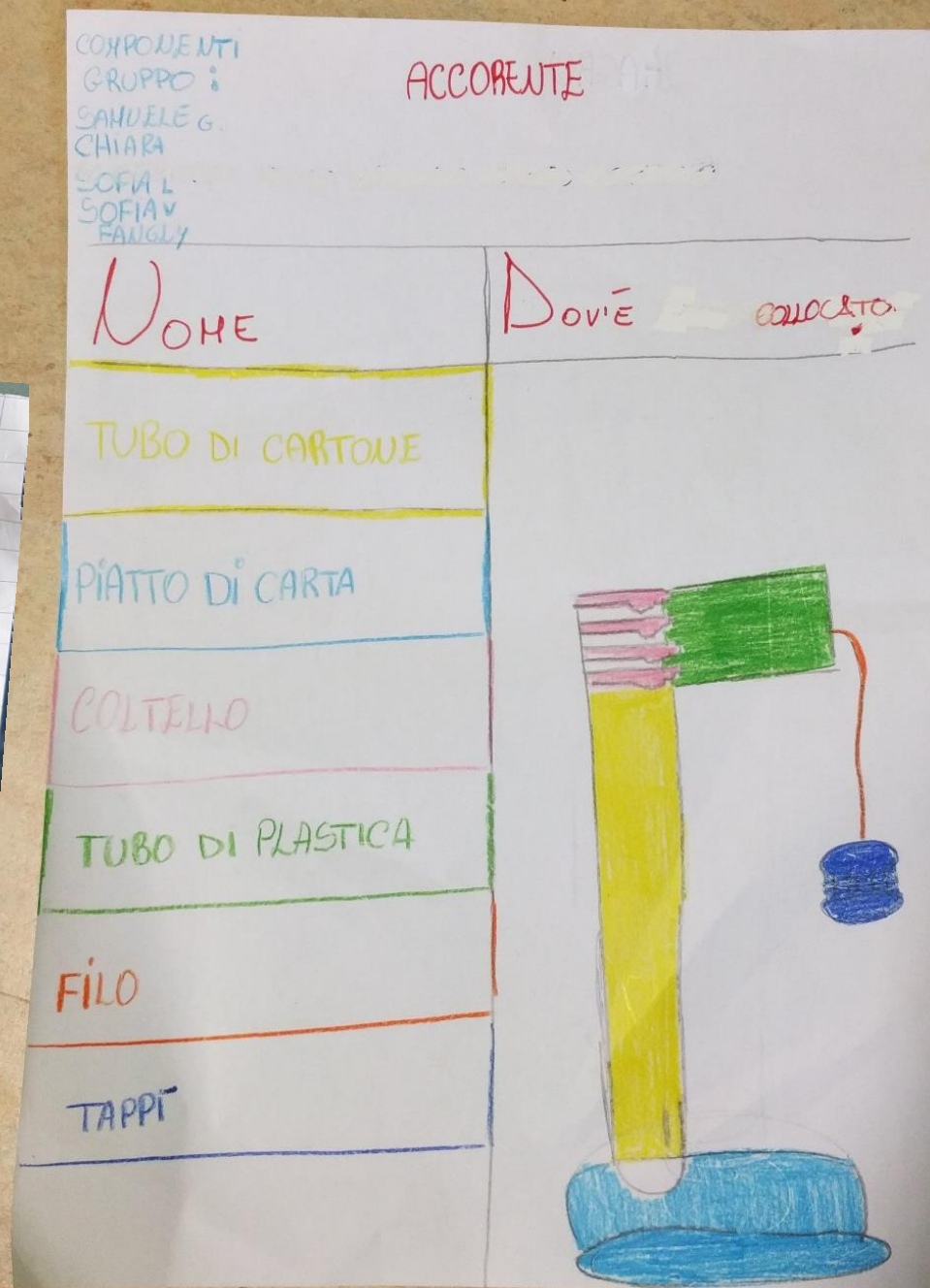
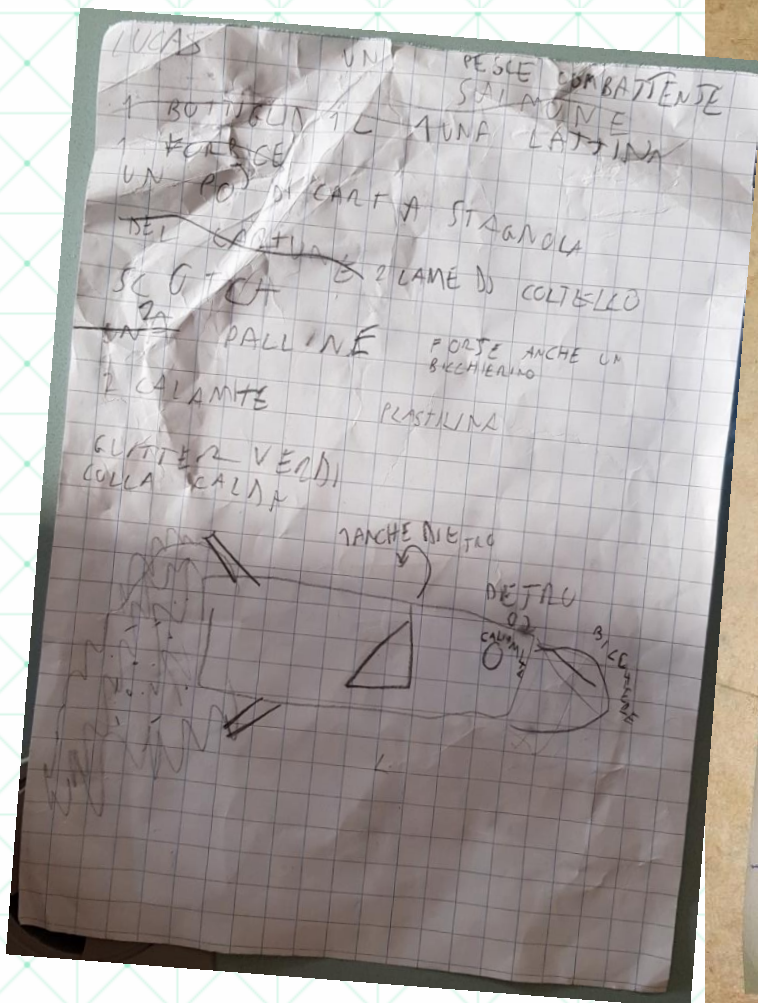
# 1. ESPLORAZIONE

Scopri, impara, immagina





# Progetto iniziale



## 2. CREAZIONE e SPERIMENTAZIONE

Pianifica, crea, sperimenta



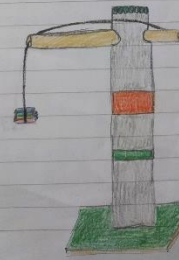
### 3. CONDIVISIONE



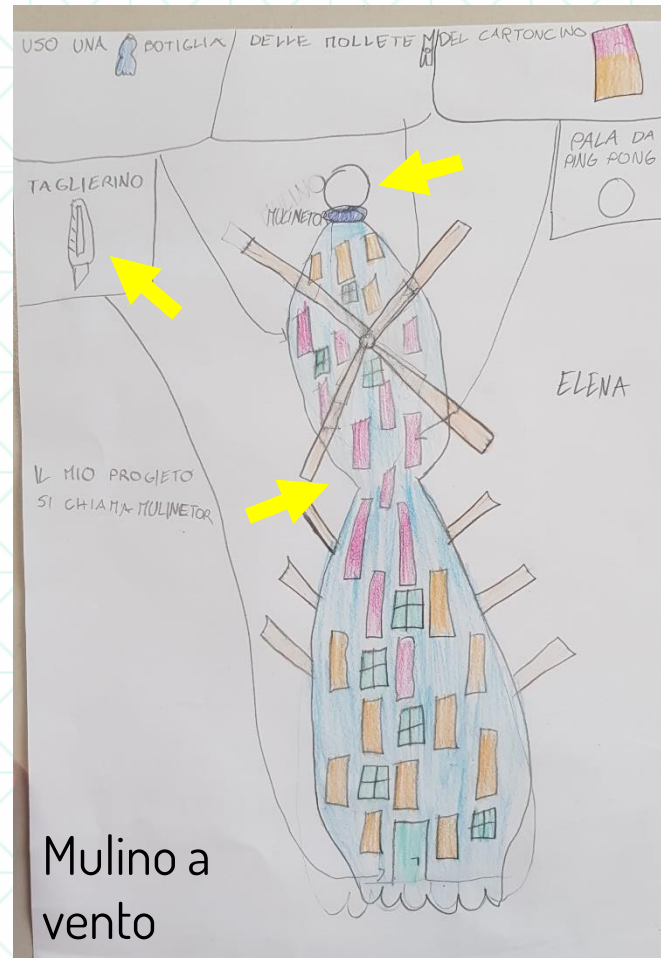


21 GENNAIO 2018  
 INCONTRO AL BE WISE  
 OGGI SIAMO ANDATI PER  
 ARRIVATI, LE INSEGNANTI, CI  
 DEI MATERIALI PER COSTRUIRE  
 IN GAUDI E CENNO UNO  
 DIVERSO DAGLI ALTRI. L'UNO  
 VICTOR HA COSTRUITO  
 GRUPPO, INVECE, HA COS  
 SE NON C'ERANO T  
 SERVIVANO, HA CI  
 CHE AVEVAMO. L'UNO  
 SI E A COSTRUI  
 È STATO DIFFI  
 SU UN TUBO

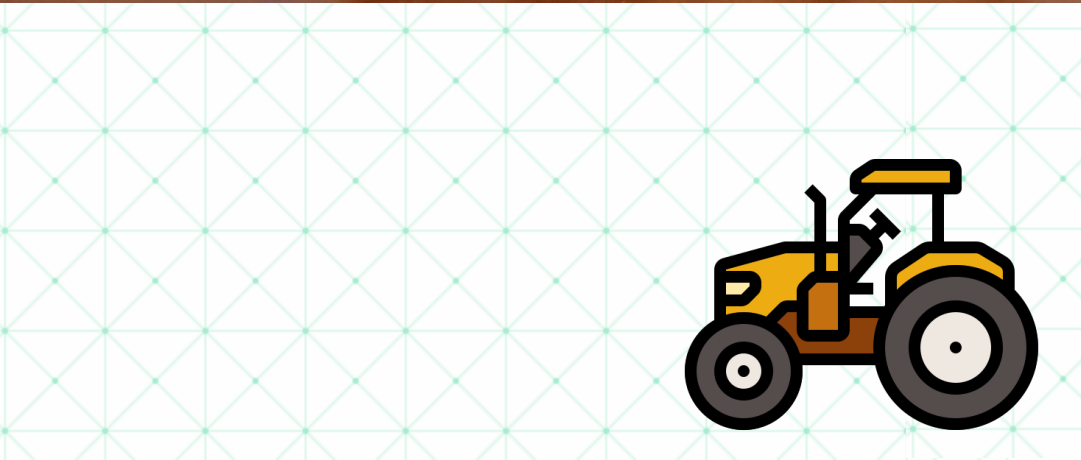
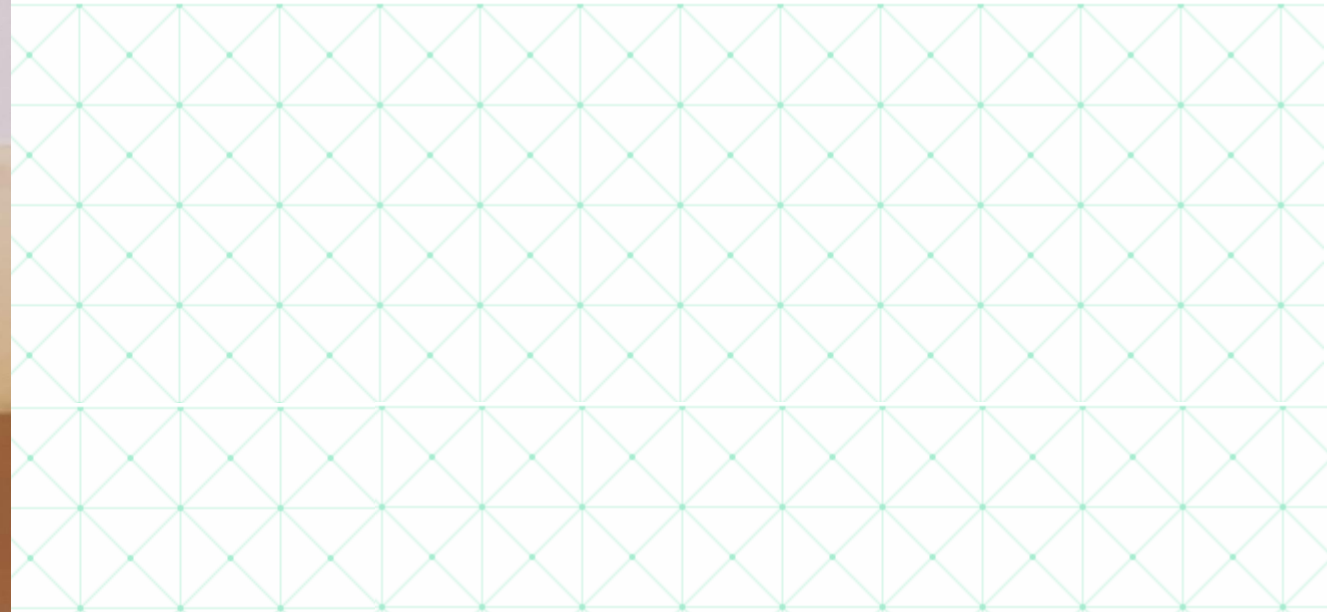
CHE ERA TROPPO PESANTE PER QUELLO DI CARTA  
 E NON RIUSCIVAMO A FARLO STARE IN PIEDE.  
 ABBIAMO QUINDI DOVUTO SOSTITUIRE IL TUBO DI  
 PLASTICA CON UN ALTRO TUBO DI CARTA PIU' CORTE.  
 È STATA UNA BELLA SOBBISEFAZIONE SCOPRIRE CHE  
 CON UN TUBO DI CARTA E QUALCHE DICHIERE  
 SI PUO' COSTRUIRE UN VELO E PROPRIO OGGETTO.  
 LA MAESTRA CI HA DETTO CHE LA PROSSIMA VOLTA  
 POSSIAMO SCAMBIARCI GLI OGGETTI PER MODIFICAR  
 LI E MIGLIORARLI.



# Dal progetto alla realtà...

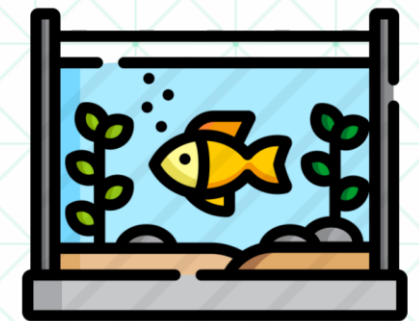
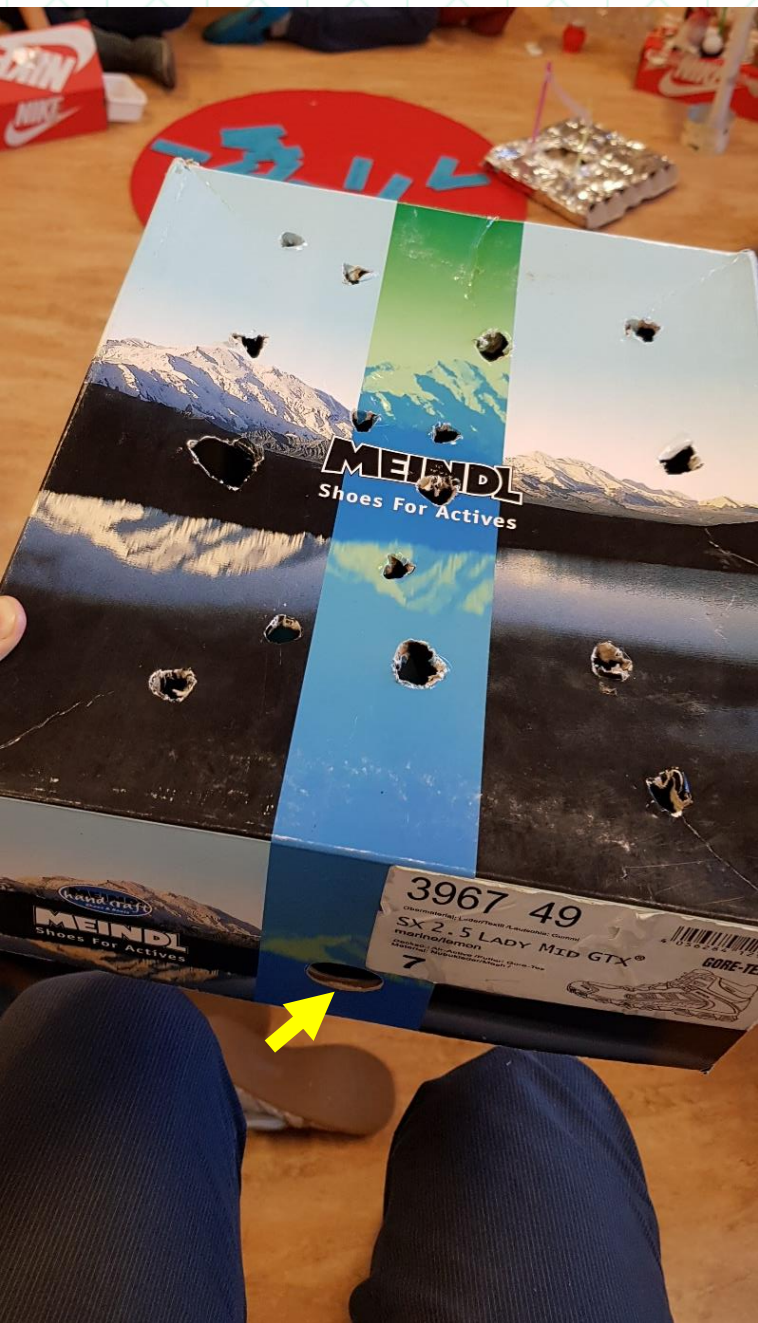


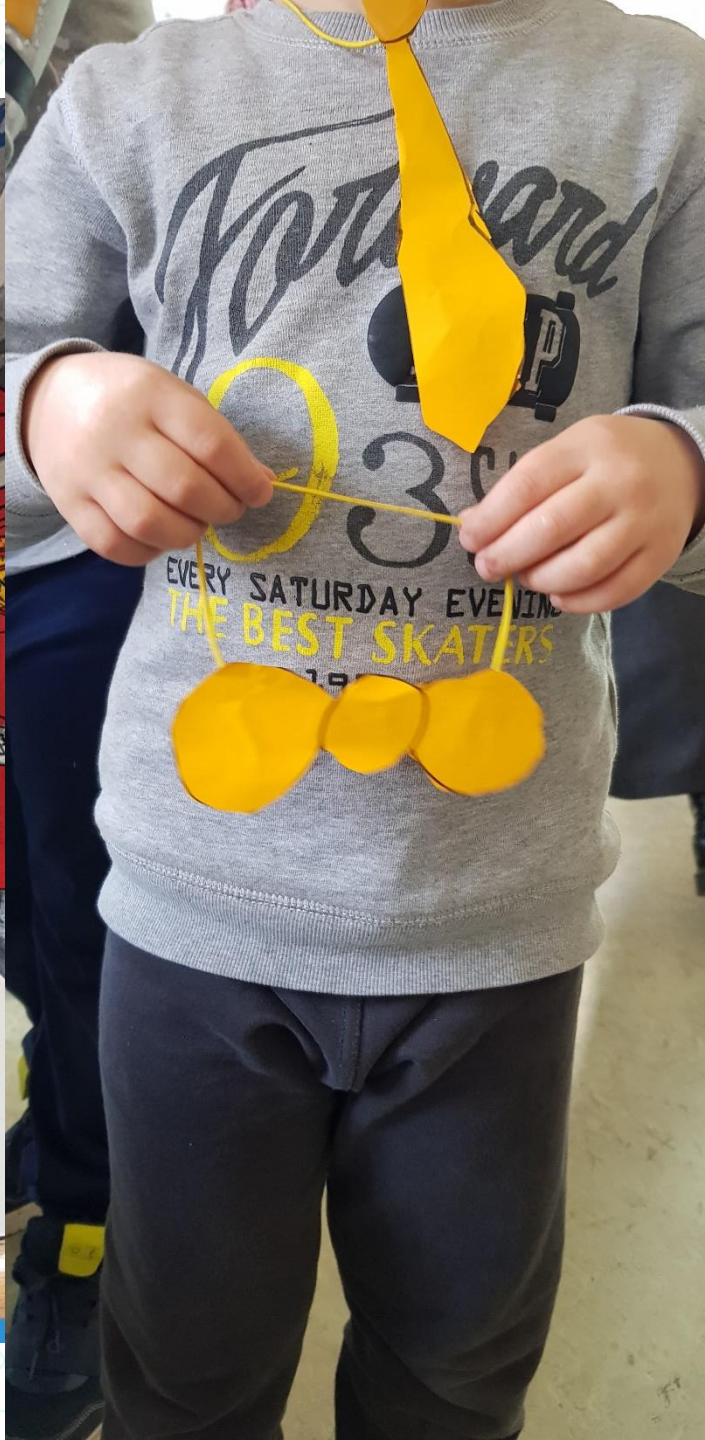




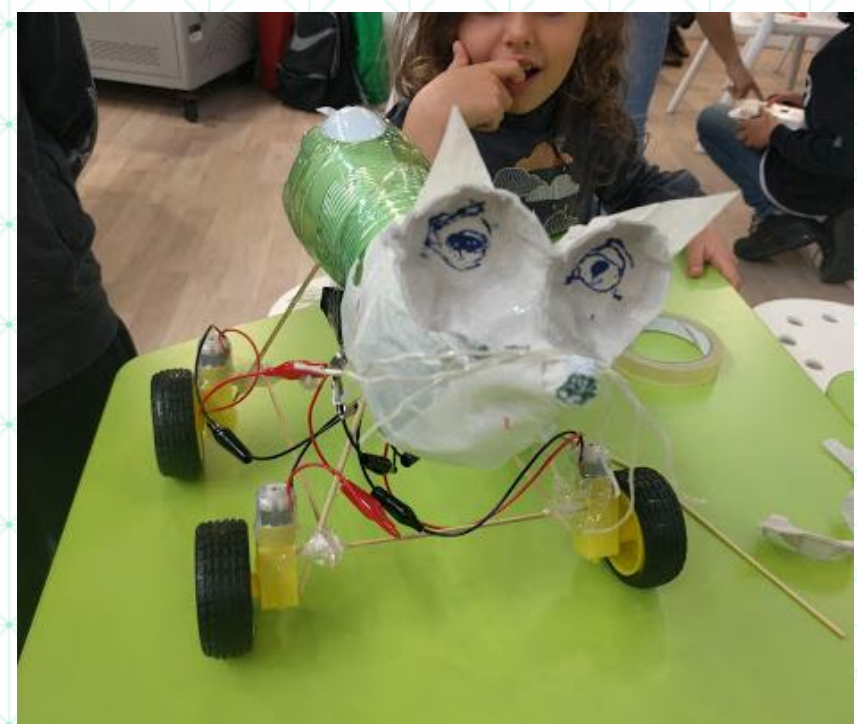
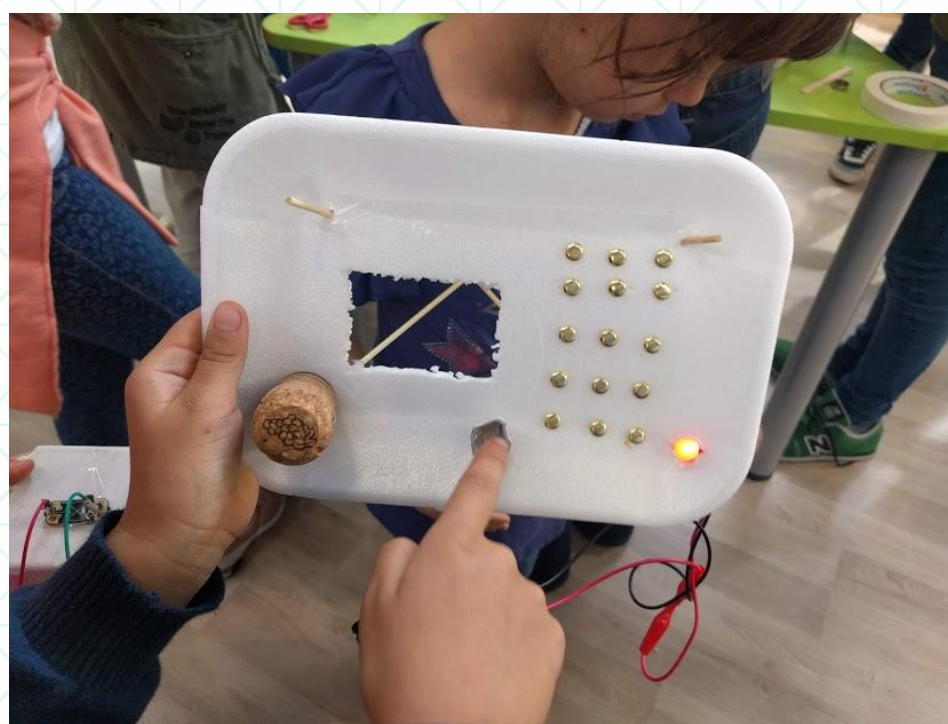
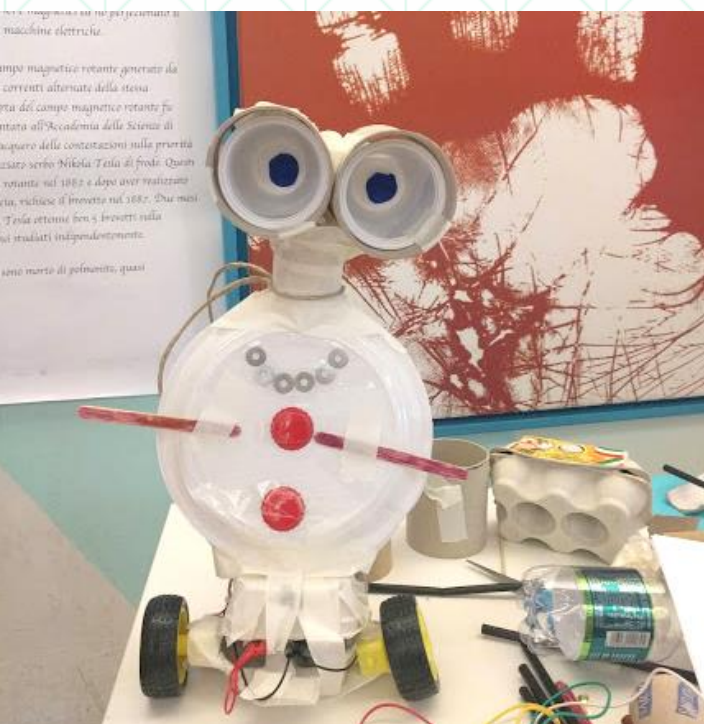
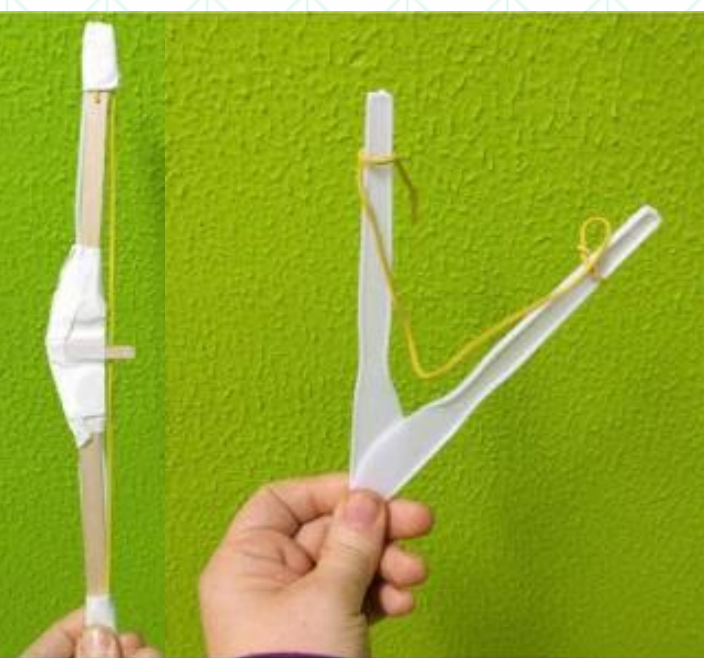


...Una motocicletta con  
due cavalletti!











**Mitchel Resnick  
Publications**

“The tinkering approach is characterized by a **playful, experimental, iterative** style of engagement, in which makers are continually reassessing their goals, exploring new paths, and imagining new possibilities. (...) Is well aligned with the goals and spirit of the progressive-constructionist tradition—and, in our view, it is exactly what is needed **to help young people prepare for life in today’s society**”

Resnick & Rosenbaum 2013



## **RISORSE DIDATTICHE:**

<http://www.laboratoriocuriosita.it/it/risorsa-didattica/computational-tinkering-2019-2020>