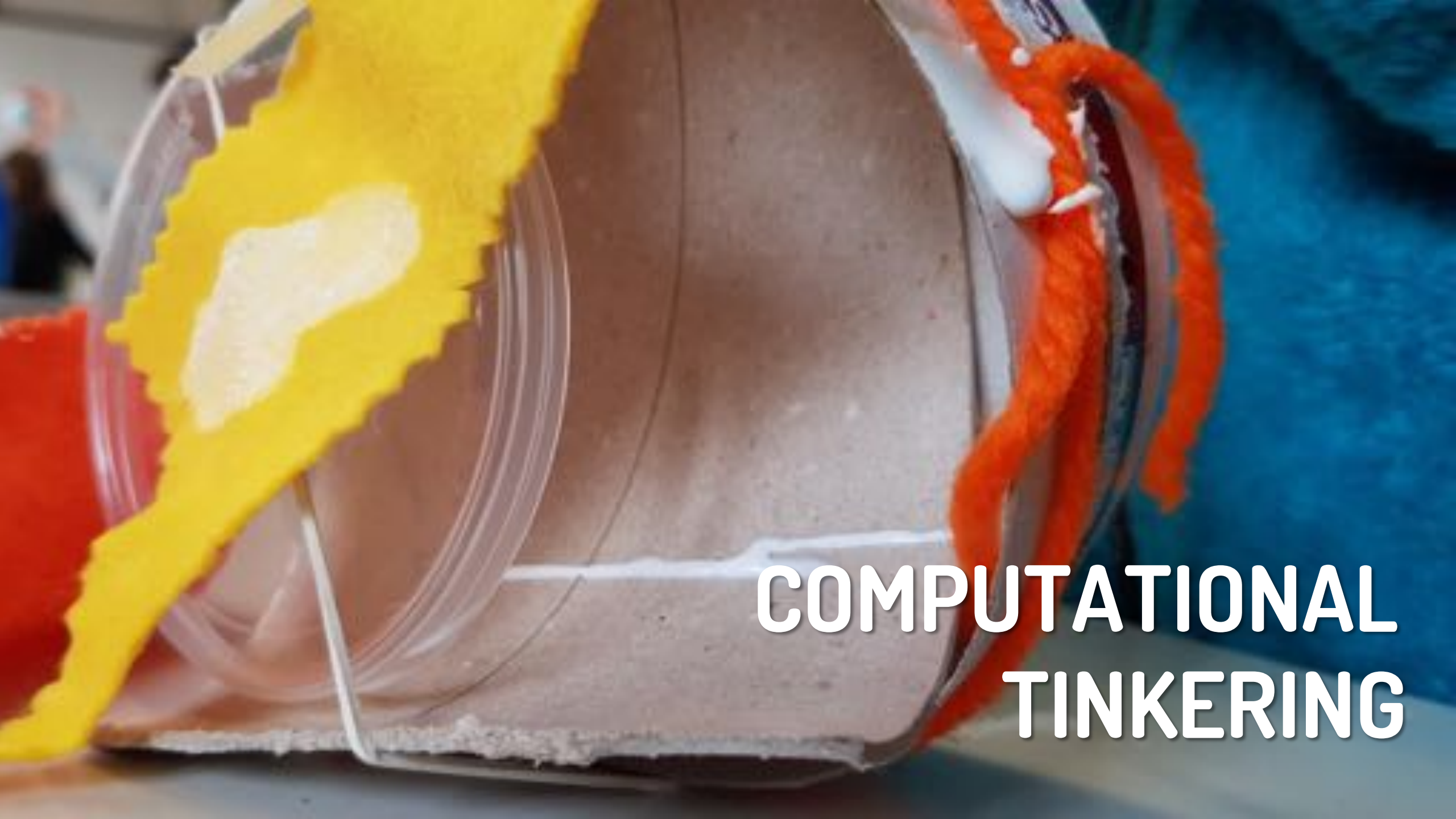


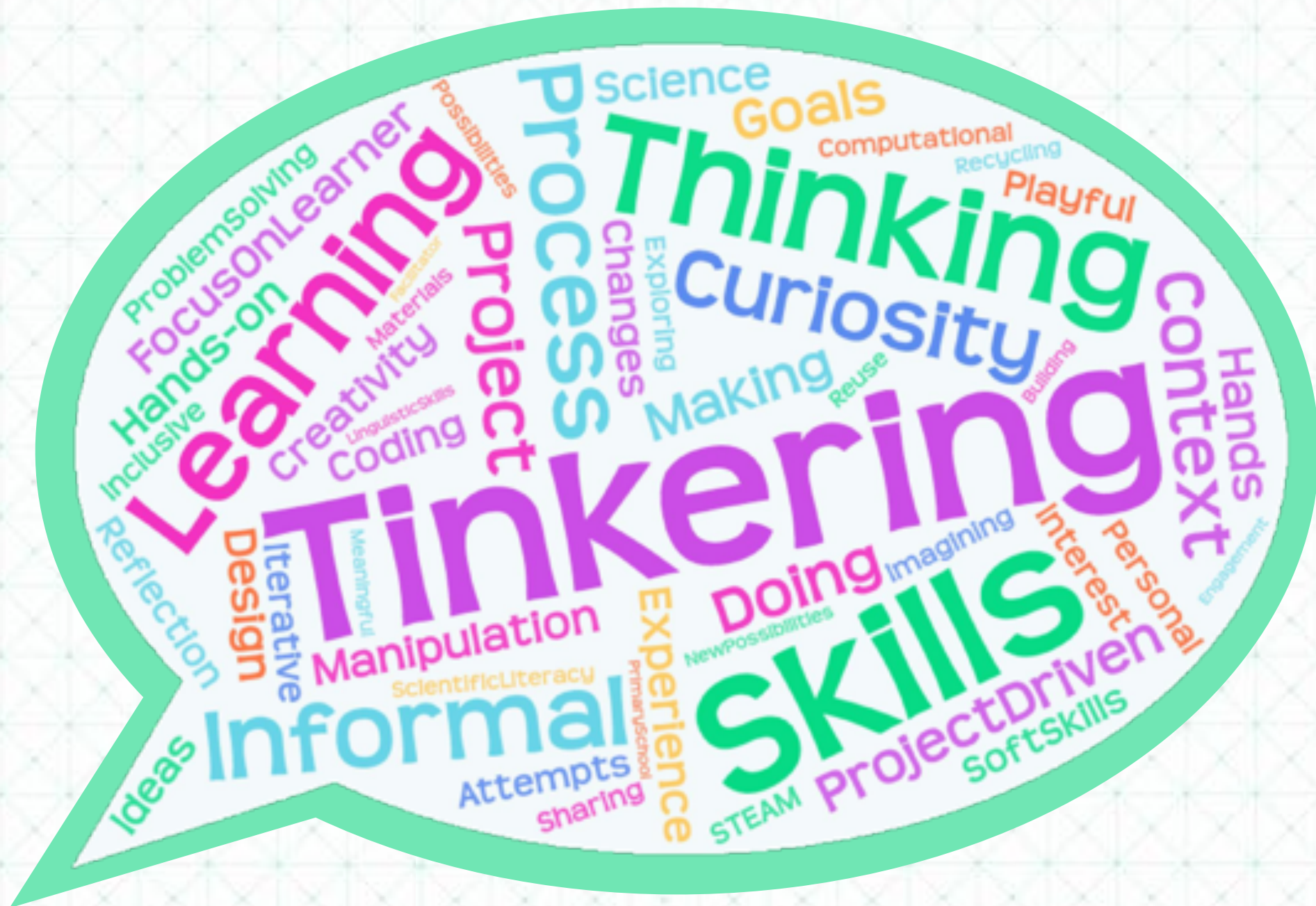
The background is a solid orange color. On the left, a person with dark hair, wearing a green shirt and a red chair, is sitting on the floor and using a white laptop. They are wearing white headphones. Above them are two yellow speech bubbles. On the right, a person with long dark hair, wearing a light blue dress and white headphones, is standing and holding a red smartphone. Above them are two purple speech bubbles. The central text is in bold black capital letters. At the bottom, there is a row of seven upward-pointing chevrons, alternating in color between red and purple. The entire graphic is framed by a light blue grid pattern on the left and right sides.

WEBINAR RICONNESSIONI PER DOCENTI

4 MARZO 2020



COMPUTATIONAL TINKERING





MATERIALI



TOOLS



OBJECTS



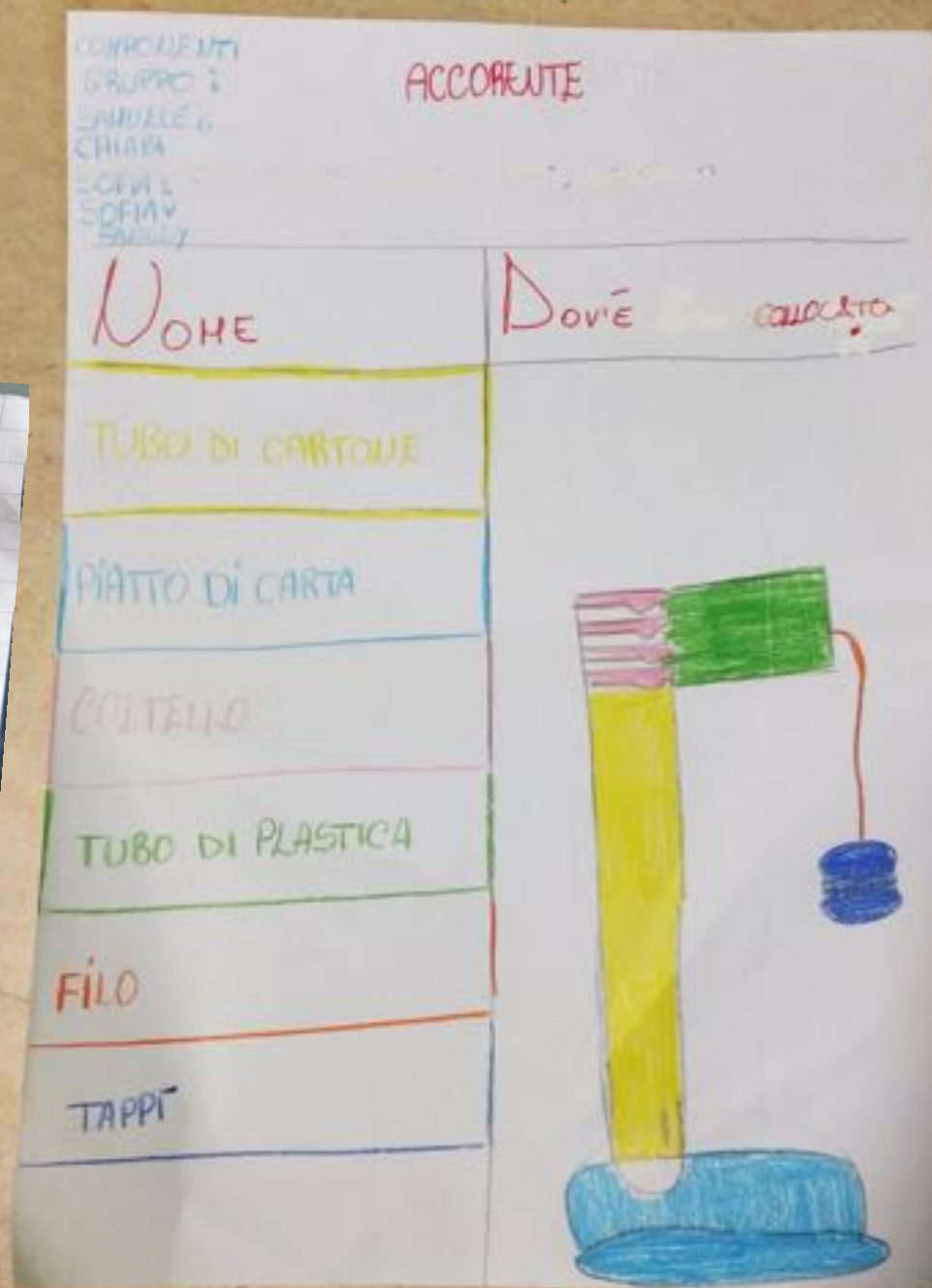
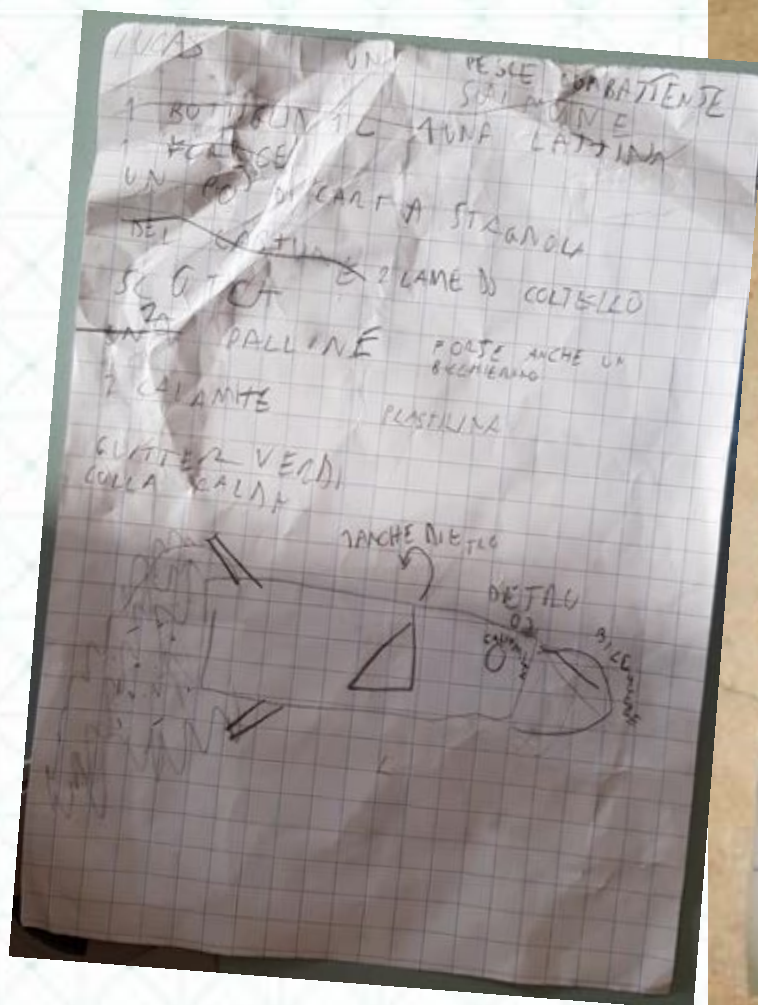
1. ESPLORAZIONE

Scopri, impara, immagina





Progetto iniziale



2. CREAZIONE e SPERIMENTAZIONE

Pianifica, crea, sperimenta



3. CONDIVISIONE



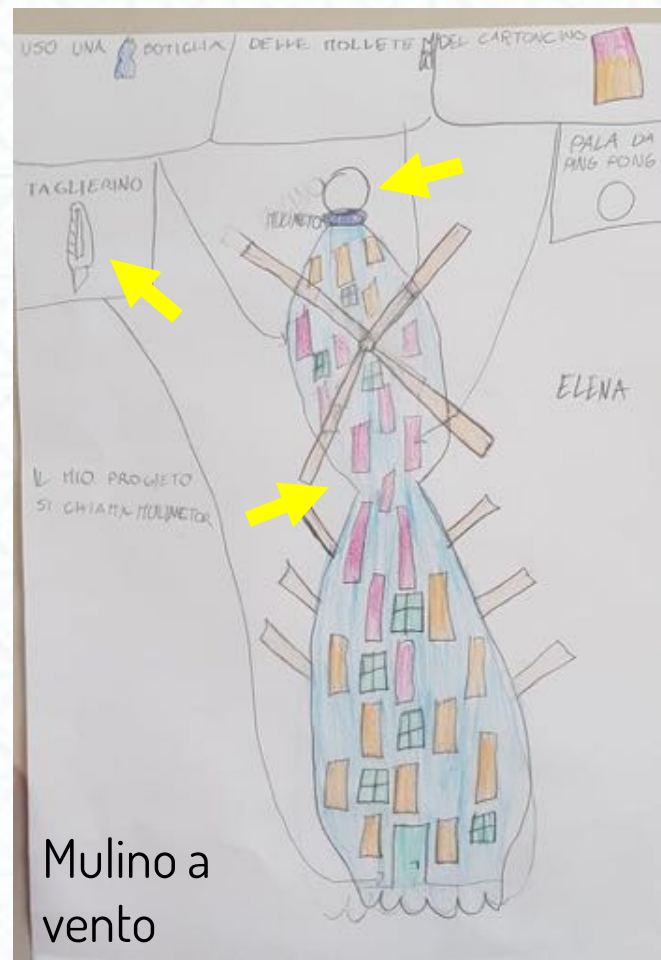


21 GENNAIO 2018
 Incontro di DE WISE
 OGGI DIAMO AVANTI PER
 ARRIVARE, LE INDEGNANTI, LA
 DEI MARCHI PER COSTRUIRE
 UN GIARDINO E DENUNCIAMO
 DIVERSO TAGLI ALTRI...
 VICTOR HA COSTRUITO
 GRUPPO, INVECE HA COS
 NE NON C'ERANO T
 SERVIVANO, MA CI
 CHE AVEVAMO. L'IMP
 SI E A COSTRUI
 È STATO SIFER
 SU UN TUBO

CHE ERA TROPPO PESANTE PER QUELLO DI CARTA
 E NON RINDEVANO AL FALLO STARE IN PIEDE
 ABBIAMO QUINDI DOVUTO SOSTITUIRE IL TUBO DI
 BASTICA CON UN ALTRO TUBO DI CARTA PIU' COSTO
 È STATO UNA BELLA SOSTITUZIONE SCOPRIRE CHE
 CON UN TUBO DI CARTA E QUALCHE DECORAZIONE
 SI PUO' COSTRUIRE UN VEICOLO E PROPRIO GUSTOSO.
 LA MAESTRA CI HA DETTO CHE LA PROSSIMA VOLTA
 POSSIAMO SCAMBIARCI GLI OGGETTI PER MODIFICARLI
 E MIGLIORARLI.



Dal progetto
alla realtà...

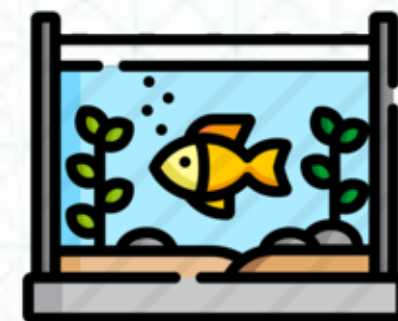








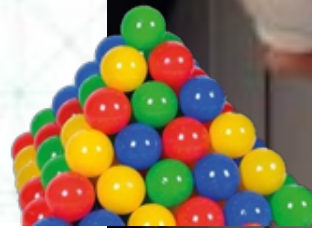
...Una motocicletta con
due cavalletti!

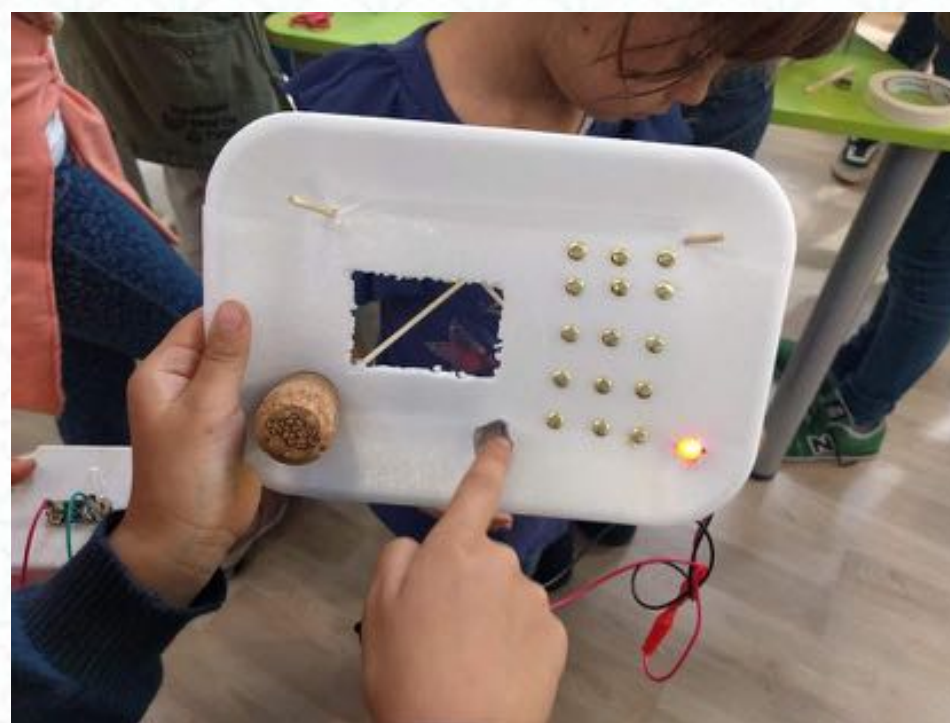
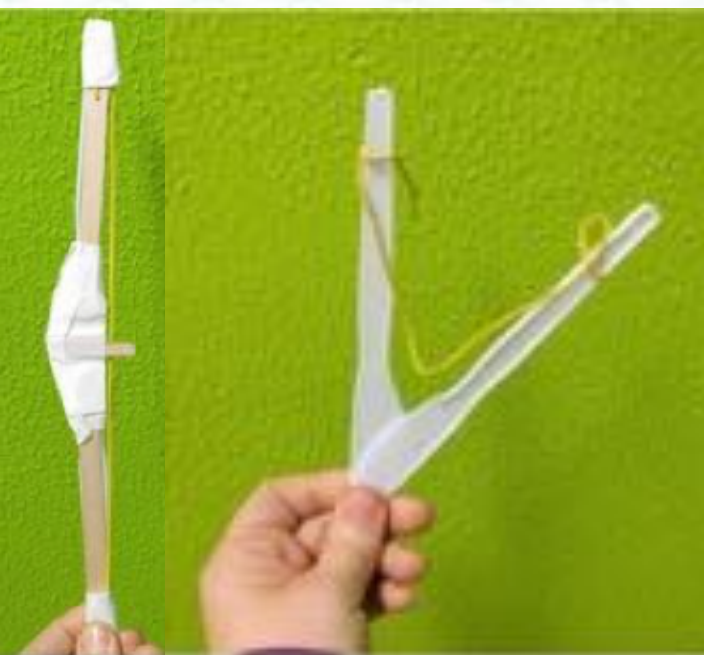






«Macchina delle addizioni»







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>