

# TWIST & ROLL



# SUPPLIES NEEDED



- ✓ a polystyrene ice-cream container
- ✓ an electric motor
- ✓ some electricity wires
- ✓ an on/off switch
- ✓ a battery
- ✓ a battery holder
- ✓ a LED
- ✓ a lid
- ✓ a lollipop stick
- ✓ three-bladed propeller
- ✓ three tiny screws
- ✓ some insulating tape
- ✓ paints
- ✓ a cut cap marker
- ✓ hot glue
- ✓ decorations (a sea urchin, wool seaweed, berries,)



# PROJECT



## DAY 1

We started connecting the motor to the electricity wires, the LED, the battery and the on/off switch. We made a hole in the polystyrene container for the three - bladed propeller.

## DAY 2

We stuck the lollipop stick on the motor and then we added the propeller with some hot glue (our teacher helped us to glue it).


## DAY 3

Once it was all stuck together we tried to switch on the motor. It worked like a charm! But it didn't work in the water.


## DAY 4

We cut the lollipop stick and we lift up the three-bladed propeller, in the end we fixed all the pieces with the insulating tape and finally it worked also in the water.





# SPOT



Finally, we thought about the advertising and we made a video

- ❖ We made some videos and photos to the “Twist & Roll” in action in the water and we wrote some phrases for the spot.
- ❖ We also searched the music and the sounds suitable for our project.
- ❖ We used Pinnacle Studio to merge text, images, sounds and music.



# TEAM



Technical designer      GIOVANNI

Logbook writer              ANDREA / FRANCESCO / GIOVANNI /  
LEONARDO / MARGHERITA / VITTORIA

Builder/maker:              ANDREA / GIOVANNI

Artistic designer              FRANCESCO / MARGHERITA / VITTORIA

Commercial artist          LEONARDO

