A yellow LEGO Mindstorms NXT robot is positioned on a table. The table is covered with a large sheet of white grid paper. A purple ruler is placed horizontally across the robot. In the background, there are several sheets of paper, some with faint lines and others with grid patterns. The scene suggests a hands-on learning activity in a classroom or workshop.

# Educational Robotics Math day for Life is Math and Math is Life

1C and TEACHER VALERIA MANFREDA  
MIDDLE SCHOOL –IC GR 3 UNGARETTI GROSSETO

# GEO-ROBOTICS

WORK TOGETHER

EXCITE

PLAY

CONTRIBUTE

HAVE FUN

SHARE

DESIGN

PROGRAM



# GEO-ROBOTICS

- 1. STUDY COMPUTATIONAL THINKING;
- 2. STUDY MSW-LOGO
- 3. MEET PRO-BOT



I.e. S punti di forza PRO-BOT punti debolezze  
 • creare rotte noi / percorsi • trattare con cura  
 • applicare la geometria • mettersi tutti in accordo  
 IMP = lo studio rimane importante  $27/04/16$   
 SWOT ANALYSIS  
 opportunità  
 • imparare e propormi  
 Robotica è positiva. Per chi si scaricano  
 • collaborazione  
 • empatia  
 • aiutare

# GEO-ROBOTICS

## SHARING WITH SWOT ANALYSIS

- ① imparare e propormi
- ② collaborazione
- ③ aiutare

# GEO-ROBOTICS

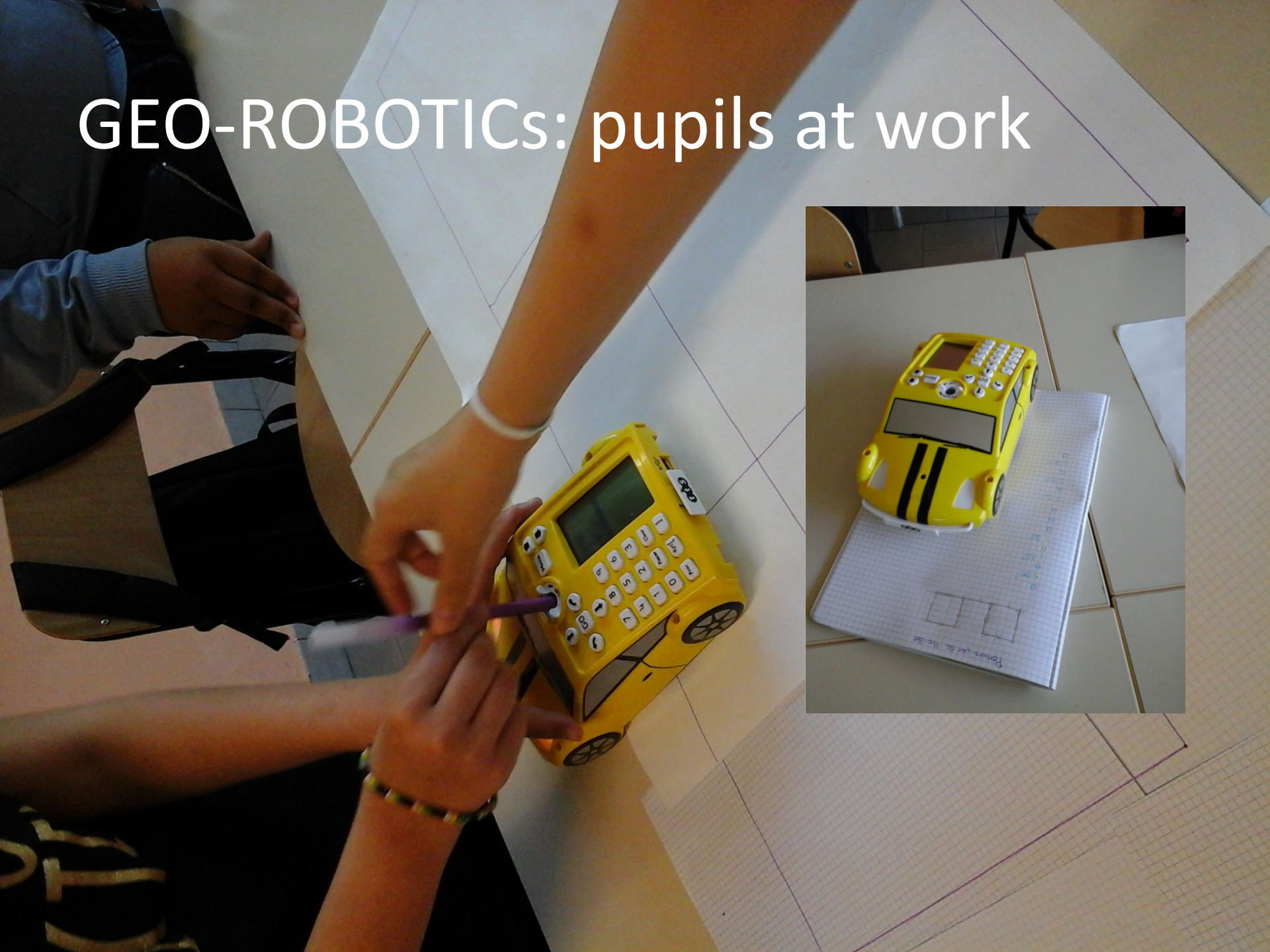
WRITING PROGRAM

GRAPHIC REPRESENTATION

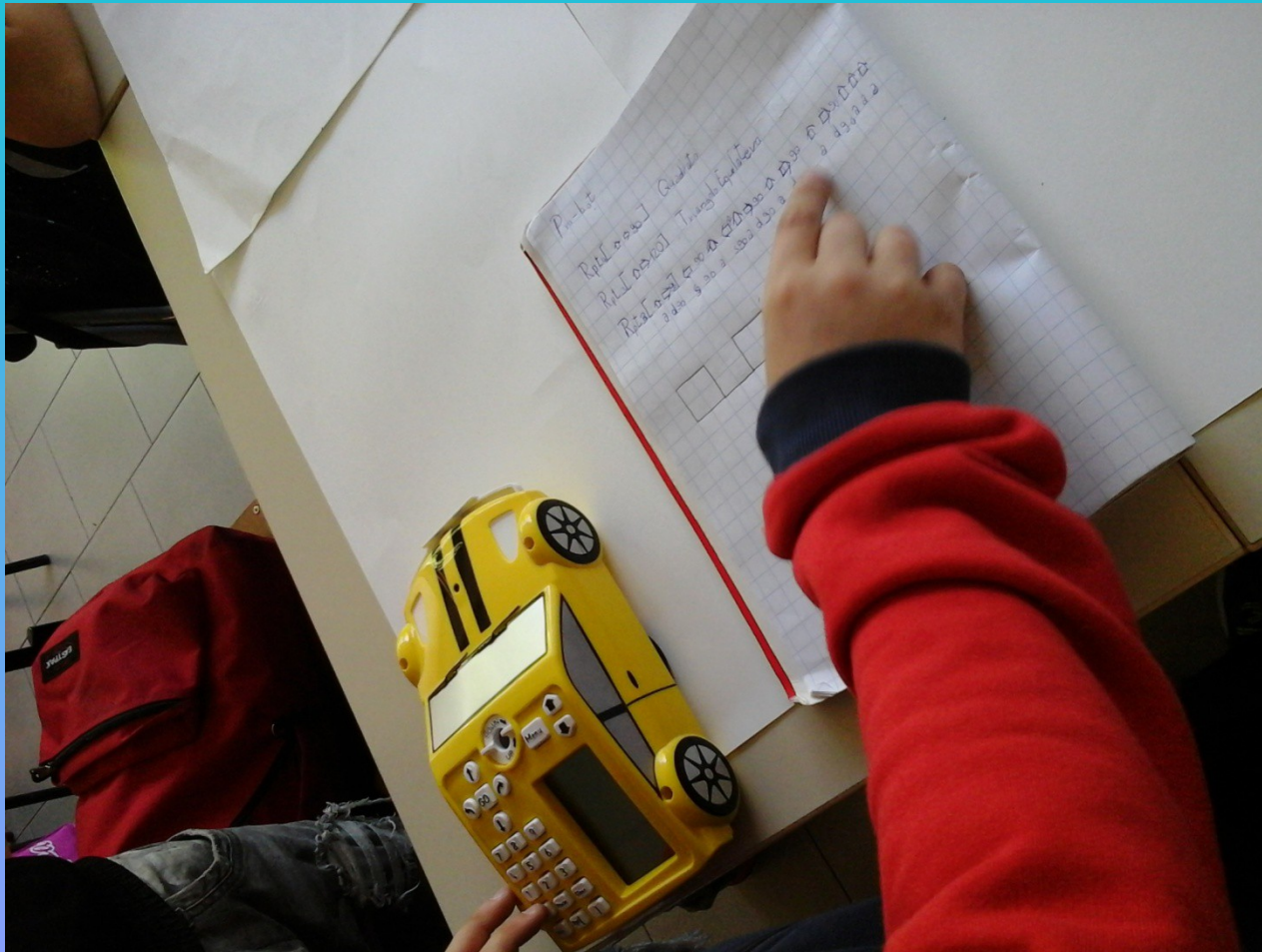


PROGRAM TOGETHER PRO-BOT IN SMALL GROUPS

# GEO-ROBOTICs: pupils at work



# CONGRATULATIONS AND THANKS 1C!



# CELEBRATING MATH DAY IN MAY

We want to share our activity for our great study on math, computational thinking and coding...

Before using Pro-bot we studied math, flow charts, logic and we nurtured our own mindset.

Thanks to Jelena Kenic.