

MATH IS A KID'S GAME



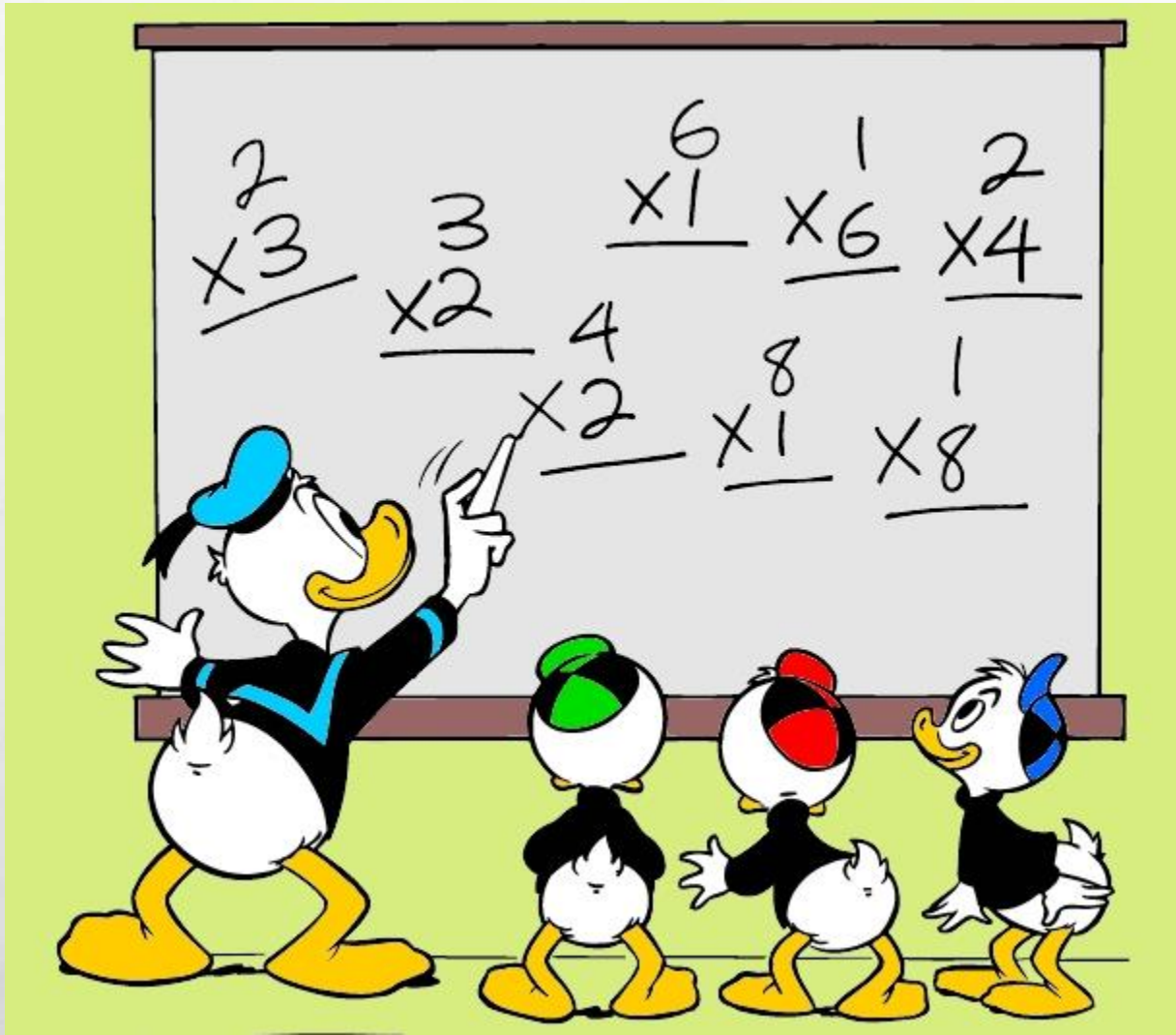
SCHOOL YEAR 2021-2022



*In collaboration with:
Carisbo Foundation
Del Monte Foundation*

PROJECT'S MAIN GOAL

MAKE THE LEARNING OF MATHEMATICAL CONCEPTS PLEASANT AND FUN, OVERCOMING DIFFICULTIES AND FEARS THAT OFTEN ARISE DURING THE STUDY OF THIS SUBJECT.

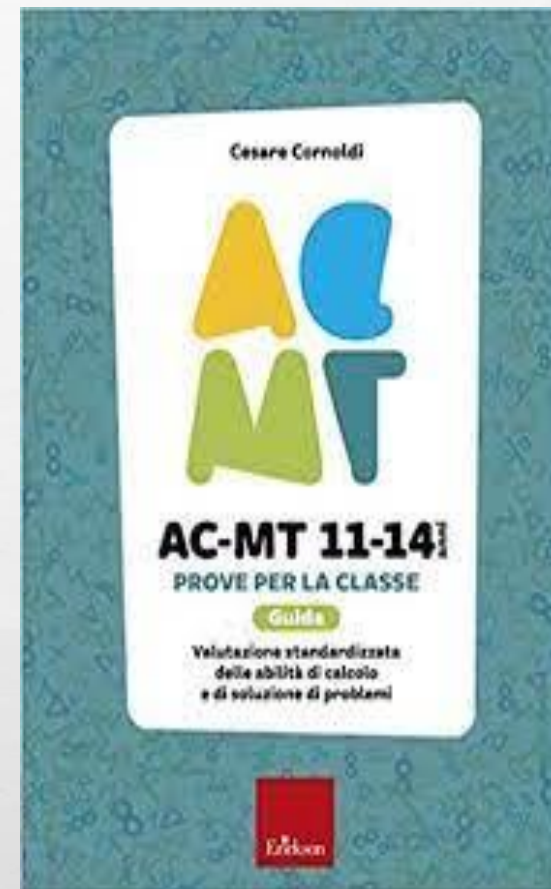
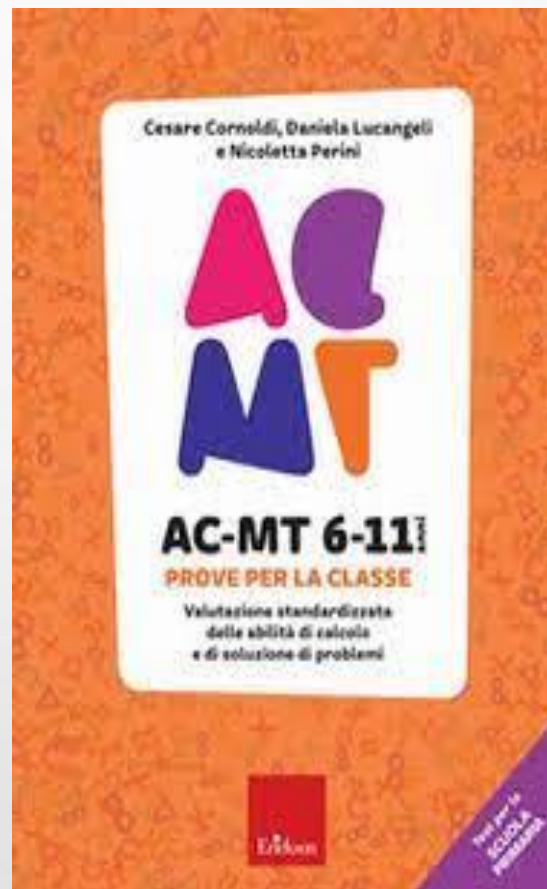


*«Every student
deserves the
opportunity to
experience fun while
doing math.»*

MacGrow - Hill

INITIAL SKILL EVALUATION

All primary and middle school students are given the **AC-MT tests** to evaluate the initial skills of each student and to design the recovery and strengthening activities in a personalized way.



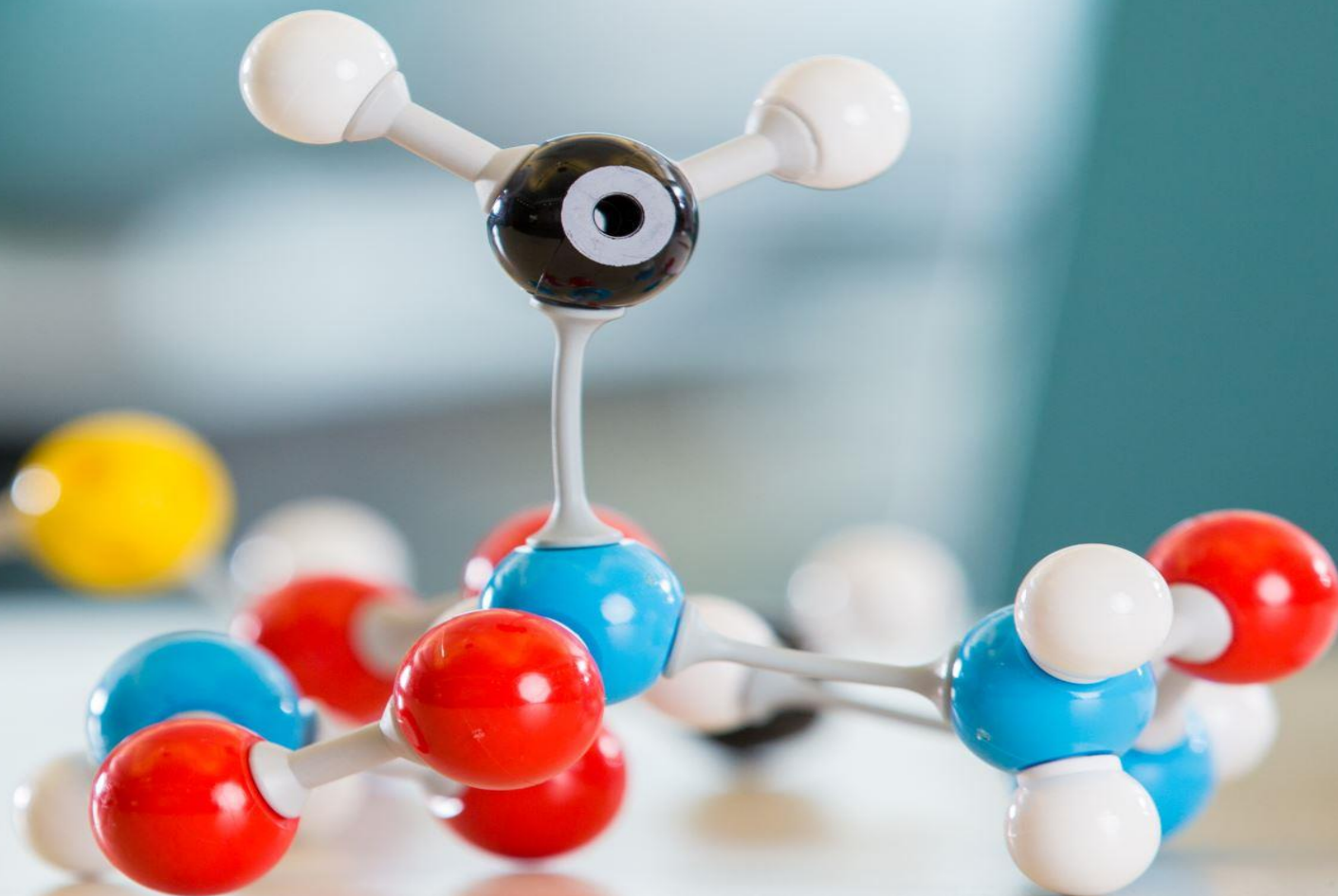
FINAL SKILL EVALUATION



At the end of the school year the **AC-MT tests** are again administered.

The scores obtained at the beginning and end of the year are compared to evaluate any improvements and the areas which still need to be strengthened.

SCHOOL LABS



Workshops
were offered
to children
aged 6 to 11
in mixed
groups.



Many of the
activities were
repeated several
times to involve
as many children
as possible.

As the groups were heterogeneous in terms of
age and skill level, the activities were modulated
according to the participants.

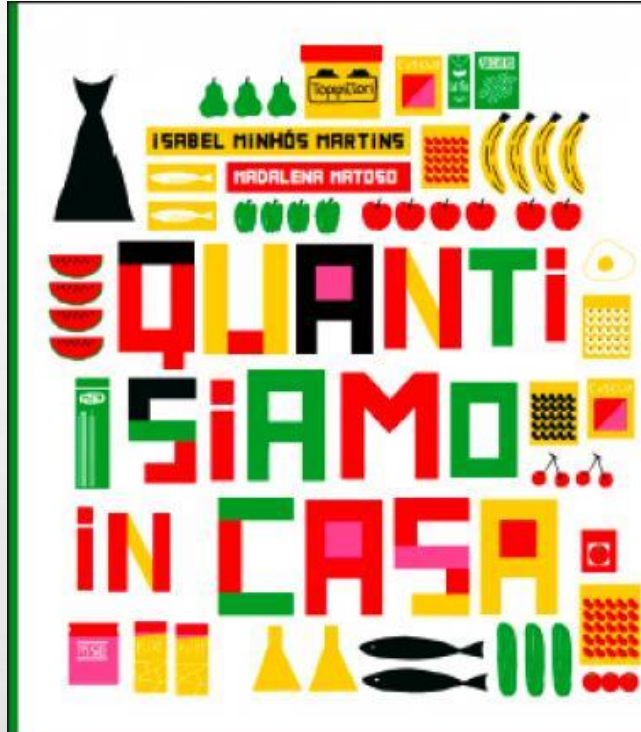
HIGH-VOICE READING OF THE BOOK

«HOW MANY ARE WE AT HOME»

by Isabel Minhos Martins and Madalena Matoso

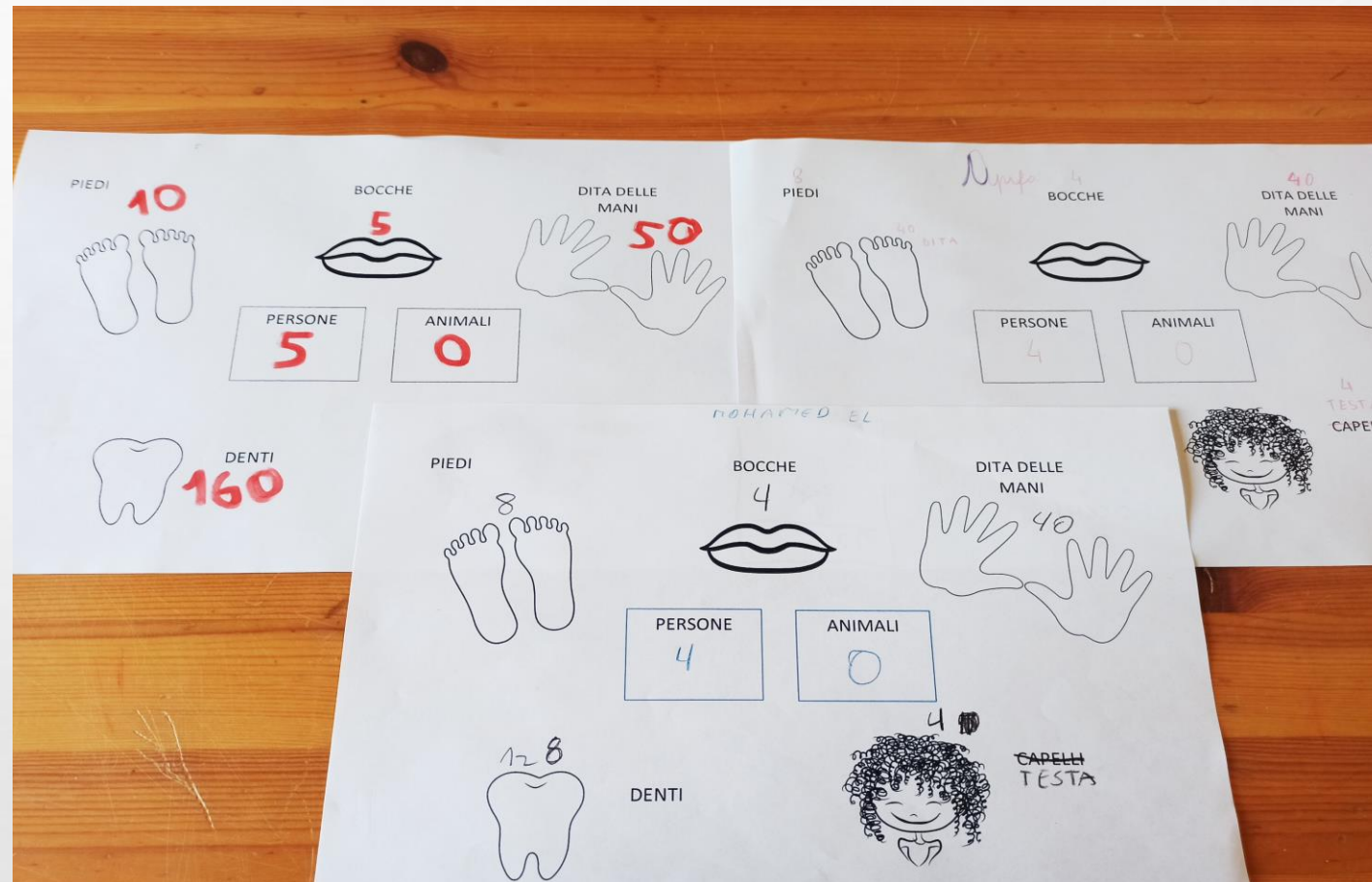
«Heads, hands, feet, bones, teeth, hair
happily coexist under the same roof ...
The hilarious life of a very special family,
told through arithmetic.»

GROUP ACTIVITIES to discover the hidden numbers in all families.





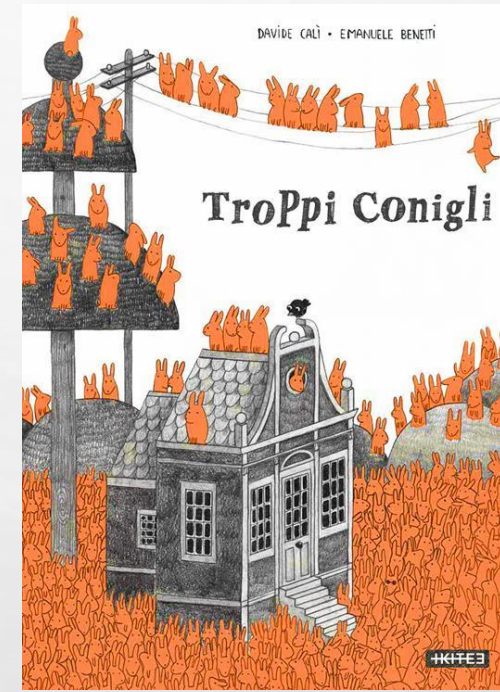
CHILDREN'S CALCULATIONS ON THEIR FAMILIES



HIGH-VOICE READING OF THE BOOK

«TOO MANY RABBITS»
by Davide Calì and Emanuele Benetti

«Adopting an animal is an act of responsibility. However, if the situation gets out of hand, things get complicated!»



GROUP ACTIVITIES: game with polyhedral dice (10 faces) to train with multiplications

I throw 2 or 3 dices and.... by summing, subtracting, multiplying, I create the largest number, the smallest ... the imagination brings us infinite ideas!





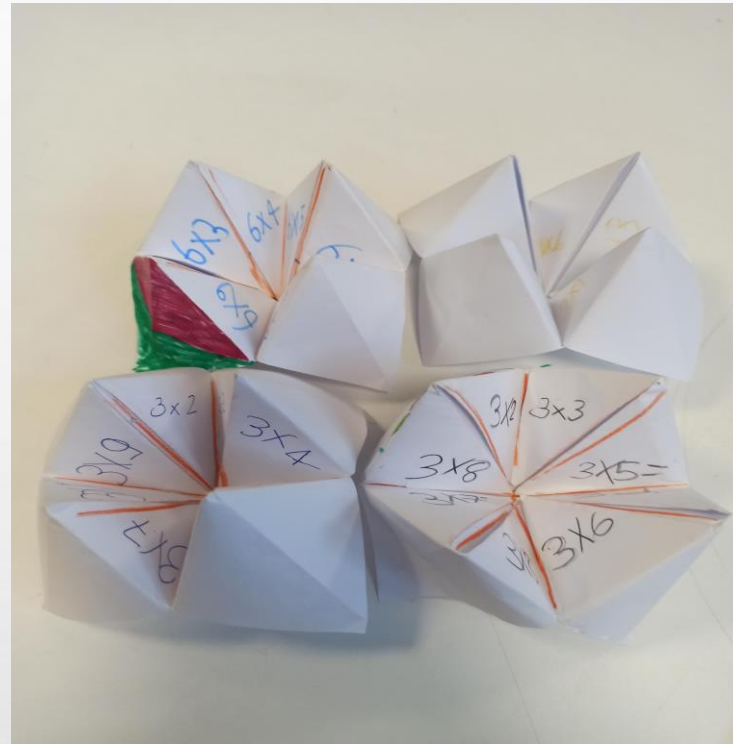
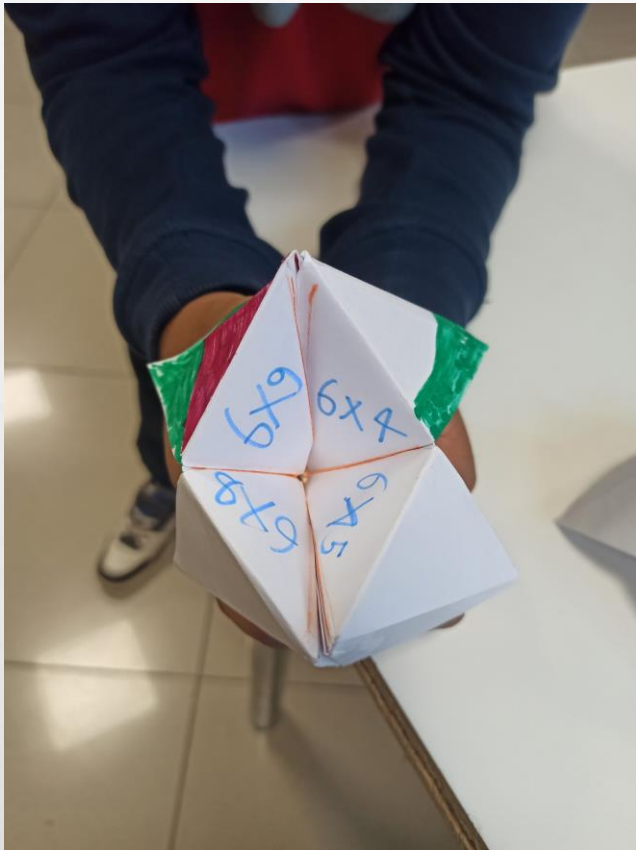
HIGH-VOICE READING OF THE BOOK

«365 PENGUINS»

by Jean-Luc Fromental and Joelle Jolivet

«On the first day of the year, at nine in the morning, the doorbell rings. He is a bellboy. I open the package and find a penguin. Who sent this strange gift? - The next day, a new visit from the delivery man and a new penguin is delivered to the protagonist's family home. What will the package delivered on the third day contain? Another penguin! At the end of the month there are 31 penguins, more than 200 by the summer. The problems multiply ...»

GROUP ACTIVITIES: making an origami to review the tables



Playing the multiplying
tables can also be fun



OPERATIONS GAME

CREATION OF A **BOARD GAME**
TO TRAIN WITH CALCULATIONS
IN A FUN WAY.

EACH PART IS WORTH 10
POINTS.

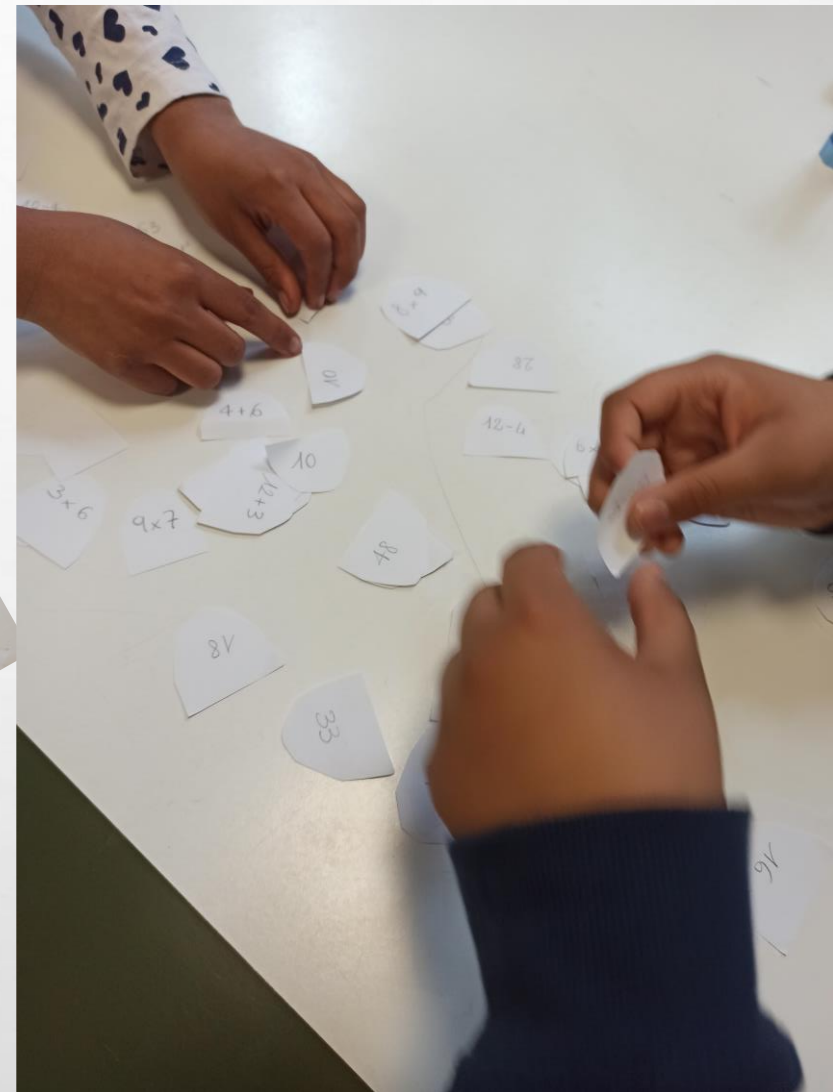
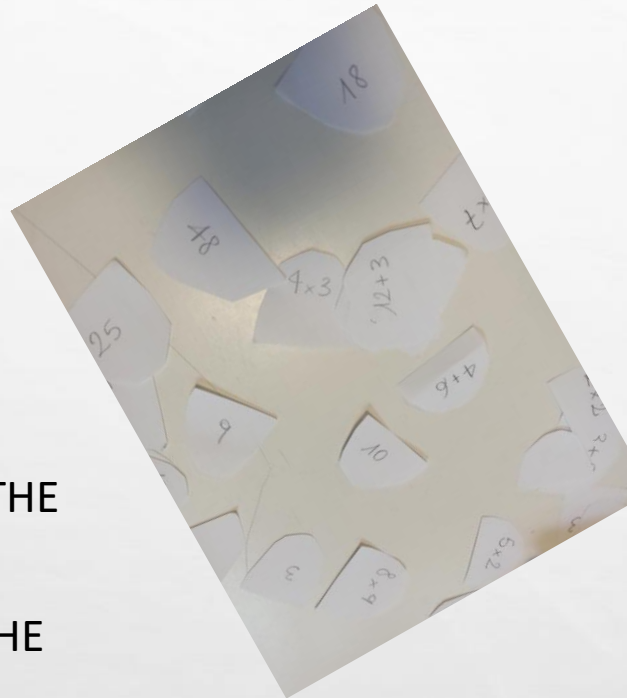
IN EVERY BOX THERE IS AN
OPERATION TO BE CARRIED OUT.
WHO WILL FIND THE END WITH
THE HIGHEST SCORE?

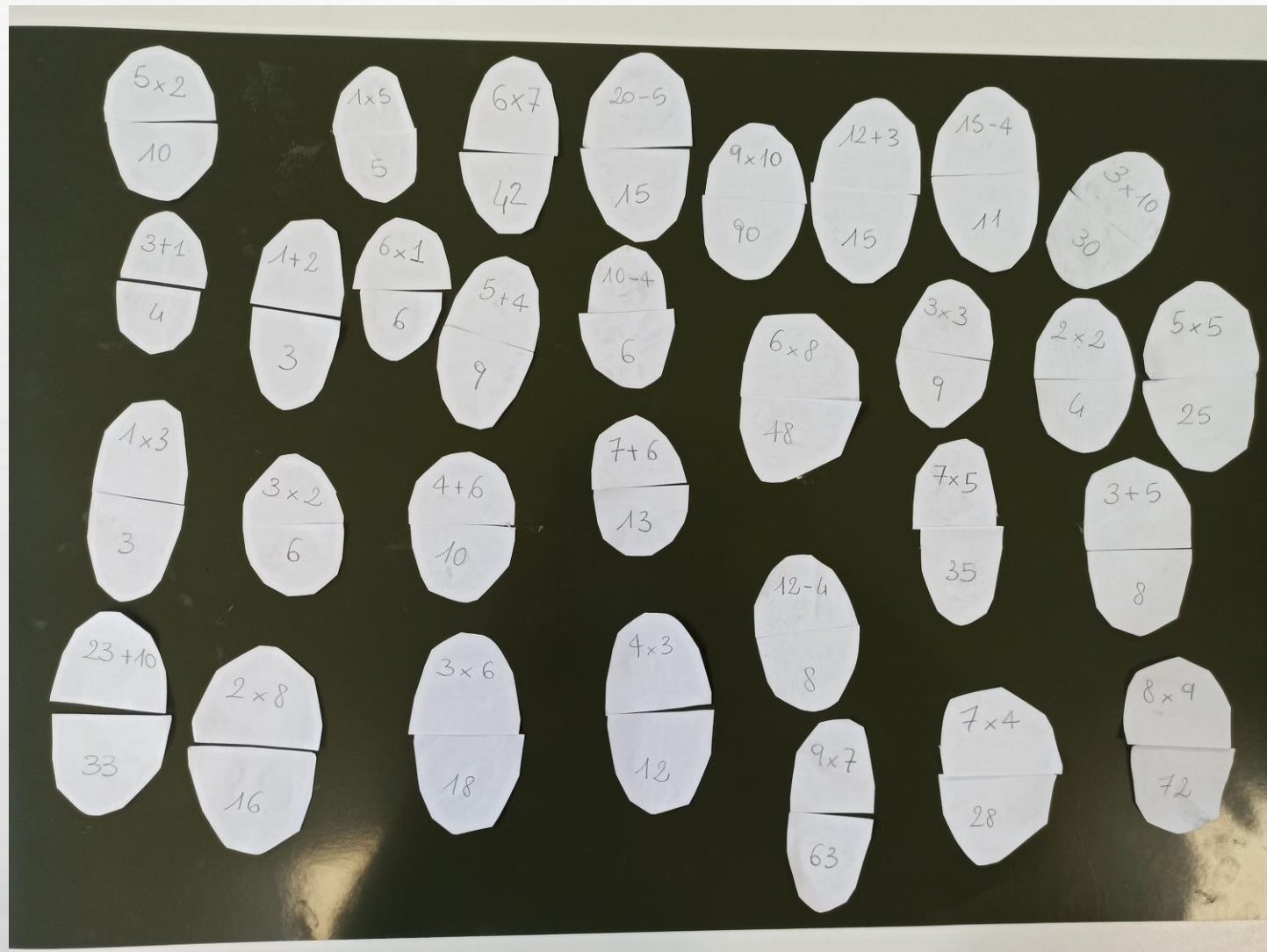


MATHEMATICAL... EGGS!

GROUP GAME

MANY EGGS DIVIDED IN HALF:
ON ONE SIDE THE OPERATION, ON THE
OTHER, THE RESULT.
WILL CHILDREN BE ABLE TO FIND THE
RIGHT COMBINATIONS??





**THANKS TO EVERYONE'S
COLLABORATION ALL THE
EGGS HAVE BEEN
RESTORED!**

HIGH-VOICE READING OF THE BOOK

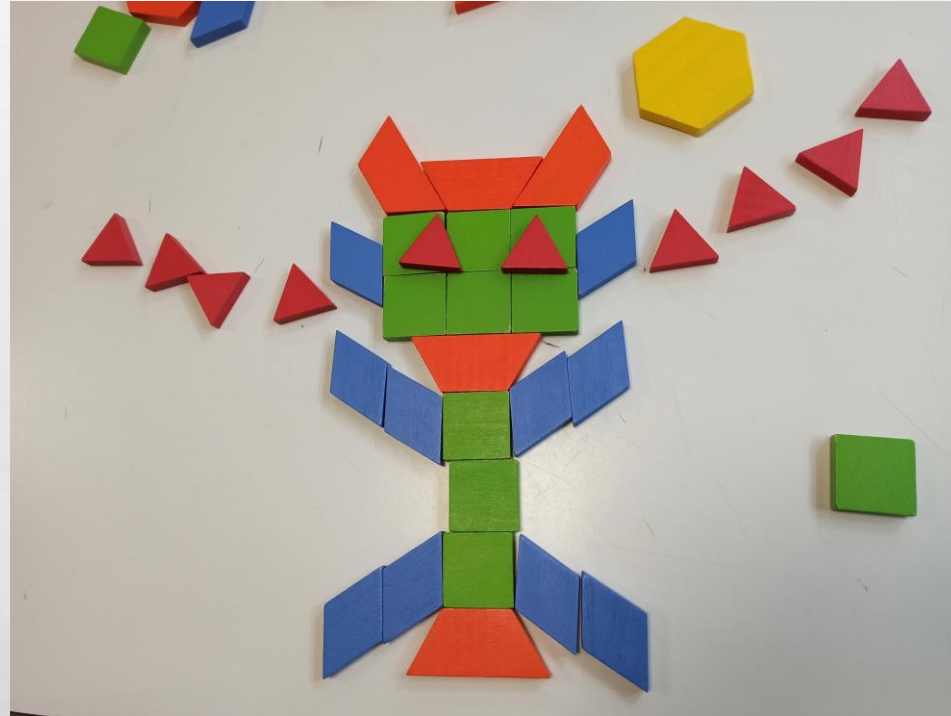
«FOUR ARTISTS THAT MATTER» by Anna Cerasoli and Giuseppe Vitale

«Who says learning math is a boring and lonely exercise? Four very special and "fit" friends will lead us to the discovery of geometric shapes, to experience firsthand how important it is to deal with people ... that matters!»



GROUP ACTIVITIES: creation of drawings with geometric shapes

ART WORKS WITH GEOMETRIC FIGURES



SYMMETRIES... OF COLORS

ARTISTIC LABORATORY





HIGH-VOICE READING OF THE BOOK

«COUNT ON ME» by Miguel Tanco

«Someone sees the beauty of the world through art. Someone through music. And someone through ... The math. It seems like a strange passion, but it doesn't matter: there are infinite ways of looking at the world and mathematics is certainly one of them!»

GROUP ACTIVITIES:

prepare the shopping list to organize a party (using flyers from the supermarket and fake money)

ORGANIZZIAMO
UNA FESTA
SPENDENDO AL
MASSIMO 25€



COLLABORATE TO ORGANIZE THE
MOST DELICIOUS PARTY



MATERIALS AND EDUCATIONAL GAMES

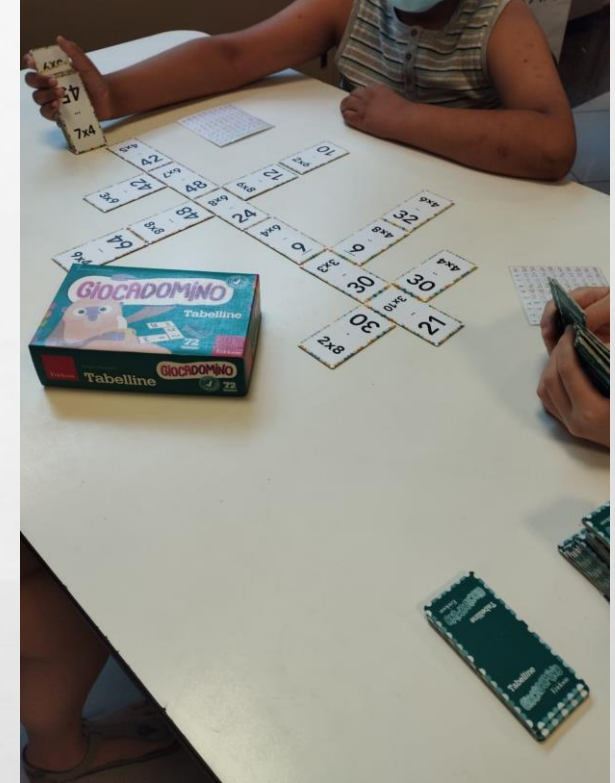
Available every day for study and play activities

AT THE AFTER SCHOOL THERE IS A SELECTION OF GAMES AND MATERIALS
THAT ALLOW CHILDREN TO

- TO HAVE FUN
- SPEND TIME WITH OTHERS
- REVIEW MATHEMATICAL CONCEPTS (WITHOUT NOTICE)
- LEARN TO RESPECT THE RULES AND TURNS OF THE GAME
- ACCEPT TO LOSE
- TRAINING TO COLLABORATE



- **ABACUS**
- **DOMIN'S MULTIPLYING TABLES**
- **MULTIPLYING TABLES MEMORY**
- **DICE**
- **NAILS**
- **SOLID CARD FIGURES**



THIS PROJECT WAS REALIZED THANKS TO THE PRECIOUS CONTRIBUTION OF



FONDAZIONE
CASSA DI RISPARMIO
IN BOLOGNA



FONDAZIONE DEL MONTE
DI BOLOGNA E RAVENNA
1473