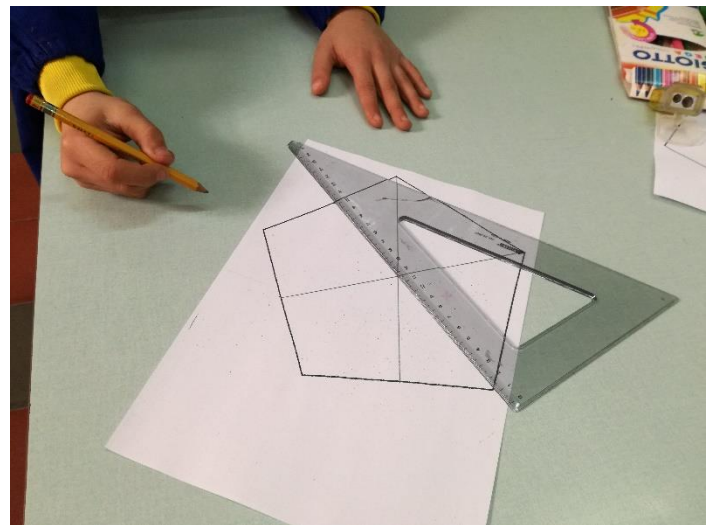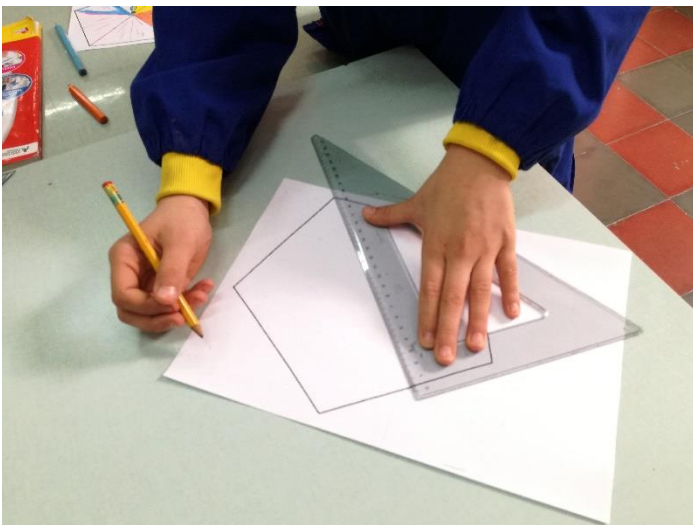# MATHS PLAN

COUNTRY: Italy

SCHOOL: Istituto Comprensivo "N. D'Apolito" di Cagnano Varano

ACTIVITY NAME: Maths and mental development

"The Pentagon"

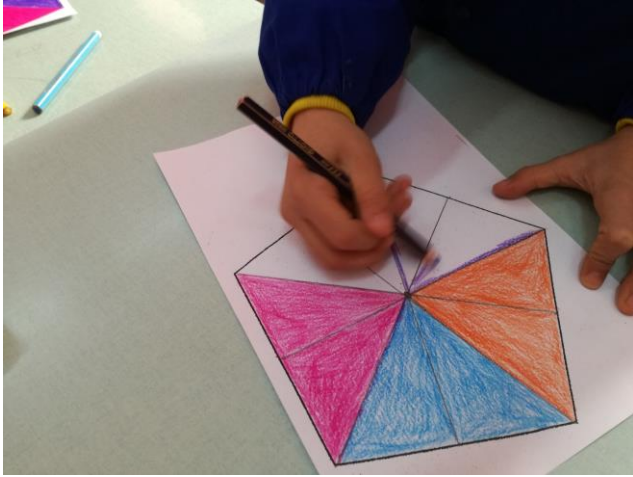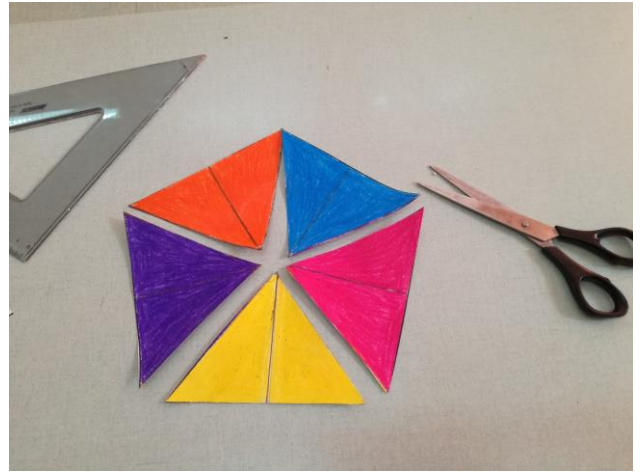**MATERIALS: Photocopier paper, ruler, colors, scissors, pentagon shapes**

ACTIVITY NUMBER: 1

MAKING ACTIVITY:

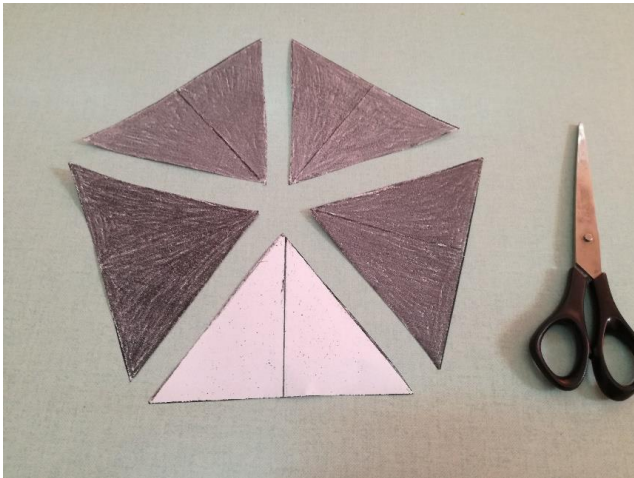**Pull a perpendicular from each vertex of the pentagon.**

The pentagon was divided into 5 triangles

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DEVELOPING AND IMPLEMENTING NEW STRATEGIES
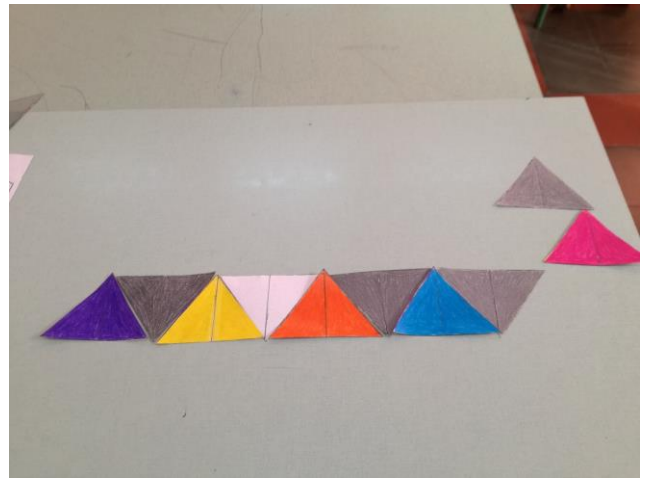IN MATHS CONNECTED CURRICULAR SUBJECTS

TOGETHER
we
Count!

Colour each triangle with
different colours

cut them

cut another pentagon

İn five triangles

imbed the triangles so as to

form a parallelogram

PERIMETRO= $\ell \times 5 =$
AREA = $(P \times a) : 2 =$

therefore the area of the Pentagon is equal to that of the parallelogram