

Flowers and Polygons

Teacher Norma Lisa Neiman (IT)

LESSON PLAN: 9 th grade Students - 13-14 years old

SUBJECT: Polygons

LESSON IDEA: Polygons and flower petals Idea

<https://twinspace.etwinning.net/120296/pages/page/1026300>

AIMS:

- Understanding the characteristics of the different regular polygons
- Using rotations around a point and symmetries
- Understanding angles

PROCESS:

1. We analyzed regular polygons and solved problems about regular polygons
2. We constructed regular polygons using GeoGebra
3. We analyzed Rotations and Symmetries
4. We calculated areas and perimeters
5. We used inverse formulas and Pythagorean Theorem
6. Assignments are given through google classroom, and video tutorials and material are uploaded in shared google drive and also enclosed in the materials of the classroom. Materials and video tutorial are also uploaded on the TwinSpace. Students view and analyze the materials and video tutorials prepared by partners on the TwinSpace.
7. The students worked on an art production based on the idea of polygons and Flower Petals at home using their own device.