

WEEKLY SCHOOL

Grade 7

Mathematics

5th week of September

25 – Solids

01. Tasks to be done by student :

- Study the contents and all examples well under the sub topic of **square pyramid** on page 124 of your text book.
- Do **Activity 1** which given on page 125 and explore properties of a square pyramid.
- Study the contents and all examples well under the sub topic of **Triangular Prism** on page 126 of your text book.
- Do **Activity 2** which given on page 127 and explore properties of a triangular prism.
- Study the contents and all examples well under the sub topic of **Euler's Relationship** on pages 128 and 129 of your text book.
- Do all the exercises under **exercise 25.1** (page: 121) and **exercise 25.2** (pages: 129,130)

02. Resources that can be used for above activities :

- Pupils text book – part II (pages 123 to 130)
- E-nenapiyasa
<https://www.enenapiyasa.lk/lms/course/view.php?id=174#section-25>
- E-Thaksalawa
<https://www.e-thaksalawa.moe.gov.lk/moodle/course/view.php?id=967#section-29>
- NIE Guru Gedara
https://youtu.be/7_1NyxbrGys?list=PLlyv4_Vxwl-zJkcuwmhTy8PBTkWxJwG-E
- DP Education
<https://www.youtube.com/watch?v=SB0ysGjREtc&t=175s>

03. Learning outcomes to be achieved in this lesson :

- Identifying features of a square pyramid.
- Identifying features of a triangular prism.
- Identifying Euler's Relationship.

04. Evaluation :

- i) Draw the sketch of the solid which has a cube and 6 square pyramid's with bases that are equal to a face of the cube.
- ii) How many edges, faces and vertices are there in the composite solid?
- iii) Do these values agree with Euler's relationship?