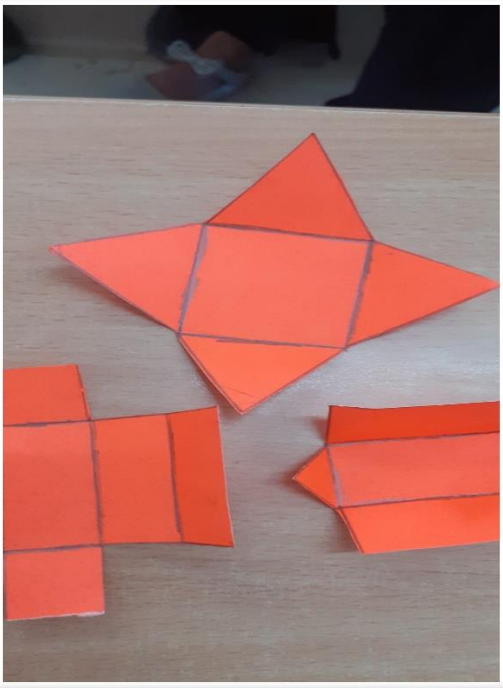
MATH – O – WIZARD CLUB

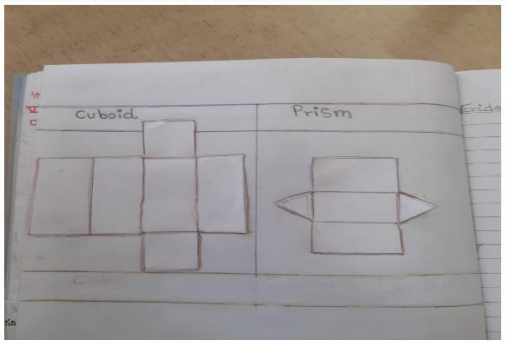
DATE-13.12.2024

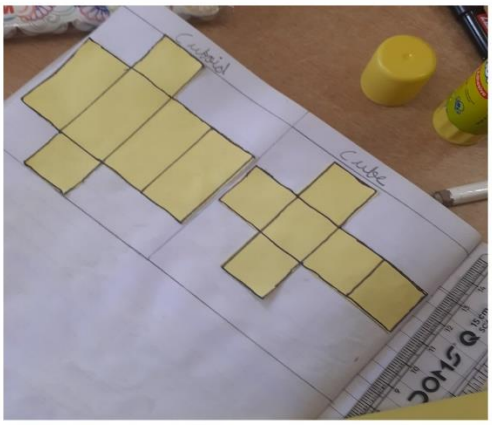
3 D NETS

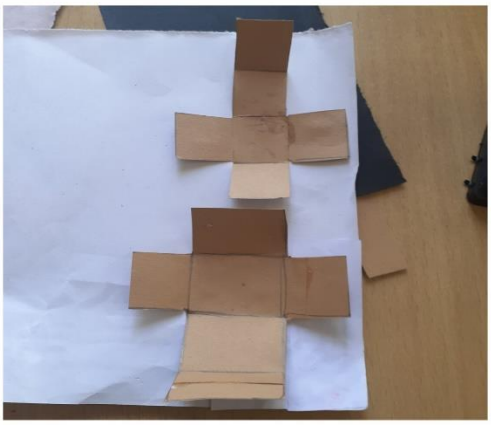
Nets of 3D shapes are two-dimensional representations that can be folded to form three-dimensional objects. They illustrate the relationship between faces, edges, and vertices of shapes. These characteristics help in visualizing and constructing the nets, aiding in understanding the relationship between 2D and 3D shapes.

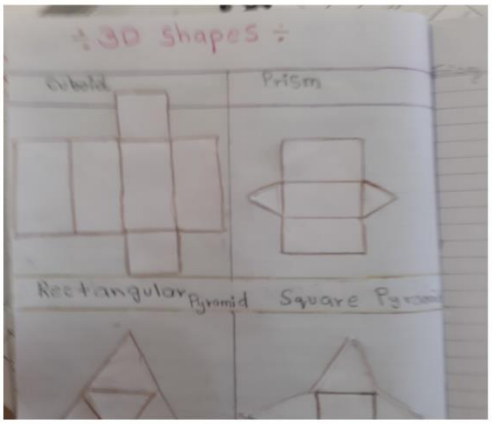
LEARNING OUTCOMES	ACTIVITIES INVOLVED
The students will be able to:	
• **Identify nets of given 3 d shapes**	**Identification:** **Students will be able to identify and name common 3D shapes (e.g., cubes, spheres, pyramids, cylinders) and their corresponding nets.**
• **Promote collaboration, critical thinking, and problem-solving skills**	**Understanding Nets:** **Students will understand the concept of a net as a two-dimensional representation of a three-dimensional shape and how the net can be folded to form the shape.**
• **Build student confidence and enthusiasm for practicing math**	**Construction:** **Students will be able to construct nets for various 3D shapes using paper or drawing tools, demonstrating an understanding of how the faces, edges, and vertices relate to the 3D shape.**

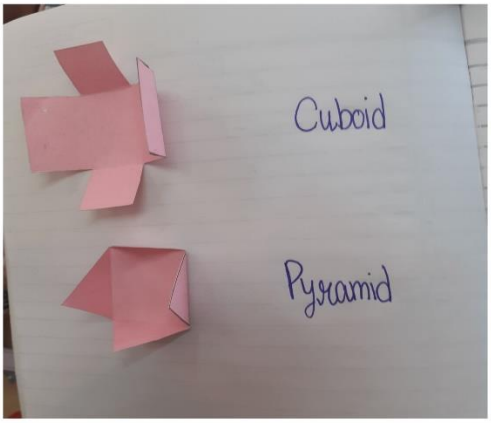



Cuboid
Prism


Cuboid
Cube




3D shapes
Cuboid
Prism
Rectangular Pyramid
Square Pyra


Cuboid
Pyramid