**Geometry - 3D**

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| Kindie | Grade 1 | Grade 2 | Grade 3 | Grade 4 | Grade 5 | Grade 6 |
| Explore, sort, and compare traditional and non-traditional  3D figures | Identify and describe | Identify and describe  sort and classify | Compare and sort prisms and pyramids by geometric properties | Compare and sort prisms and pyramids by geometric properties |  |  |
| - sort different sizes of boxes and items  - sorting hoops | Cubes, cones, cylinders spheres, rectangular prisms (transparent and solid) | Cubes, cones, cylinders spheres, rectangular prisms and pyramids) transparent and solid) | Using concrete materials | Using concrete materials |  |  |
| build 3D structures |  | Create models and skeletons of prisms and pyramids | Construct rectangular prisms and describe their properties | Construct a 3D figure and skeletons from a picture or a model of the figure | Construct nets of prisms and pyramids | Build 3D models from different views |
| - use 3D shapes to create a vehicle |  | Cardboard, straws and modeling clay (creation) | paper nets  polydrons | Connecting cubes  straws, modeling clay, toothpicks, marshmallows | Grid paper  Isometric dot paper  polydrons  nets  Computer applications |  |