**3D Shaped Castle**

**A video game with a castle and a tower

Description automatically generated**

I selected the above 2D castle picture from Pixel Game Art to replicate in 3D shapes. I will create this castle with various 3D shapes like boxes, pyramids, planes, and cylinders. The items I selected from the 3D shapes are precisely suited for the castle, and I will join small 3D shapes to create an exact picture. The castle has windows, towers, a hut, and a box-shaped body, and it needs a base, so I selected the boxes, pyramids, planes, and cylinders. When I break the castle parts to identify the shapes, I see different shapes in the castle.

First, I will use the plane shape for the castle's base; the base is essential for building, so the plane shape gives an intense look to my picture. For the body of the castle, I will use different sizes, like big boxes for the main body, which will be used for the bottom of the castle, and small sizes for the windows. I have chosen the boxes because they will give a realistic look out of the window. On the right side is a tower behind the castle's wall. This tower is the castle's highlight; on the top, the flag is waving in the wind. This tower needs different shapes to build; for that, I will use a cylinder for the body of the tower; this cylinder gives complete coverage for the tower.

At the top of the tower, I will use a pyramid, which looks like a 3D hut, and the cylinder for the flagpole. For the waving flag, I will place small boxes at different angles to give a realistic waving look to the flag. I selected the appropriate shapes for every part of the castle because I first saw the whole picture. I would decide to break down each part of the castle and choose the appropriate shapes for the structure of the castle. I viewed every part of the castle because every tiny piece of the castle is made of different shapes, so it helped me to decide the shape of the building.

When we see pictures or videos of the games, they look like toys, houses, mountains, walls, etc., but when we see the figure, thousands and millions of shapes are hiding in the game, which is exciting to build and create.