

# Cre

# Create a 3D City



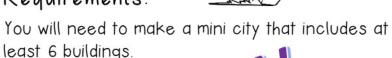
The Task:

To create a a mini city using a rang

Included
Concepts:

Measurement me, label and create a range of 3D shapes

### Requirements:



The buildings need to consist fix inge of 3D shapes. This many conditions are all the, square pyramid, cuboid— to the gula prisim, cylinder, cone, trian. It is sphere.

What special design features will you include? Will some buildings include more than one 3D shape?

How will you plan the layout of your city?

### Real World Mini Math Project

### Steps to Take:

- I. Sketch out a design for your city.
- Check that you are including a range of 3D shapes.
- 3. Either draw or find in the sun to to build the 3D stable
- 4. Build the pape individually and then attal to he city landscape.
- 5. Record the features of your buildings (edges, faces, vertices).
- 6. Decorate your final product.

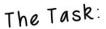


### Assessment:

Concepts accurately covered	/5
All sections completed to 1 ignistandara	/5
On task	/5
Clearly shows mathematical thinking/ working out	/5
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Comment:	
	/0.0
	/20



# Create a 3D City



To create a a mini city using a range of

Included
Concepts:

Measurement ame, label and create a range of 3D shapes

### Requirements:

You will need to make a mini city that includes at least 6 buildings.

The buildings need to consist fix inge of 3D shapes. This many conditions are all the, square pyramid, cuboid— to the gula prisim, cylinder, cone, trian. It is sphere.

What special design features will you include? Will some buildings include more than one 3D shape?

How will you plan the layout of your city?

### Real World Mini Math Project

### Steps to Take:

- I. Sketch out a design for your city.
- 2. Check that you are including a range of 3D shapes.
- 3. Either draw or find the suit tests to build the 3D cape
- 4. Build to he city landscape.
- 5. Record the features of your buildings (edges, faces, vertices).
- 6. Decorate your final product.

### Assessment:

Can accurately record the name of 3D stype	/5
Can successfully construct in high of 3 shapes from nets	/5
Can accumply solds, edges and vertices of 3D shapps.	/5
Clearly shows mathematical thinking/ working out	/5
Comment:	/20

### Assessment

### Mini Math Project: 3D City

Concepts accurately covered	/5
All sections on le le to anight	/5
ar sows mathematical tranking/ working out	/5
On task work ethic	/5
Total:	/20

PREVIEW

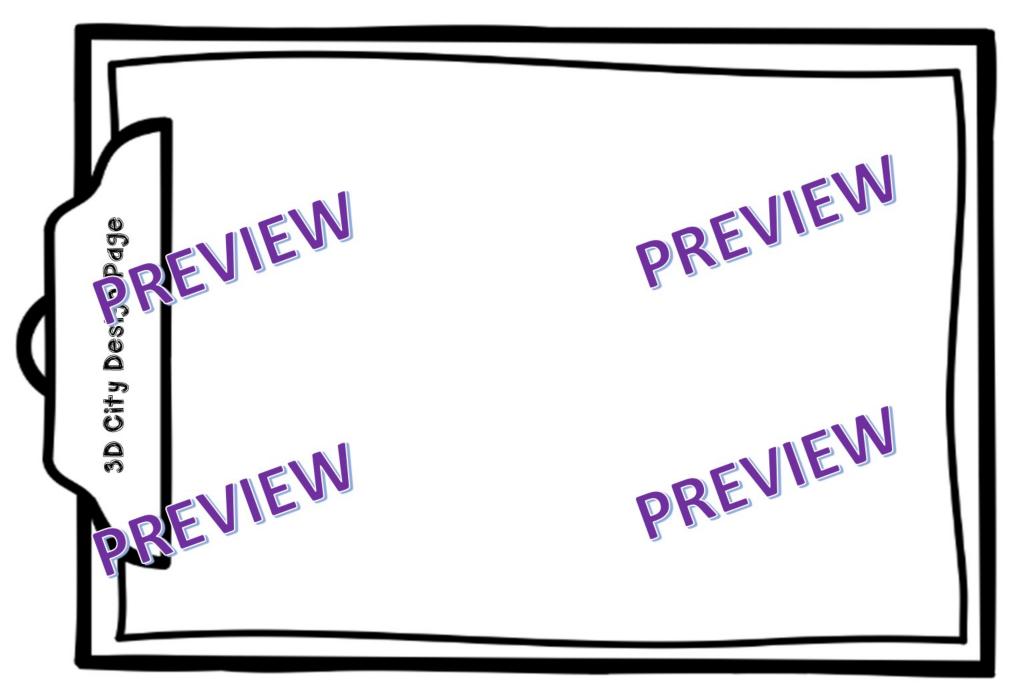
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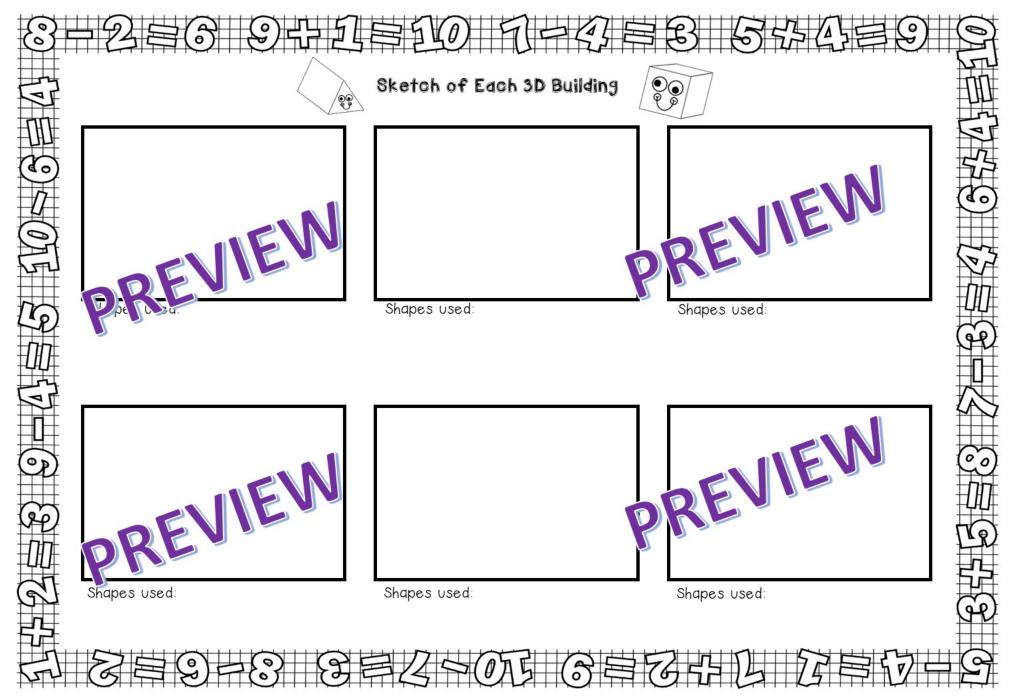
### Self/Peer Assessment:

### Mini Math Project: 3D City

Shows mathematical thinking				4	5
Easy to follow understa		2	3	4	5
Mathe natical concepts are completed accurately		2	3	4	5
On task work ethic during lessons/ task assignment		2	3	4	5
Total:				/'.	20

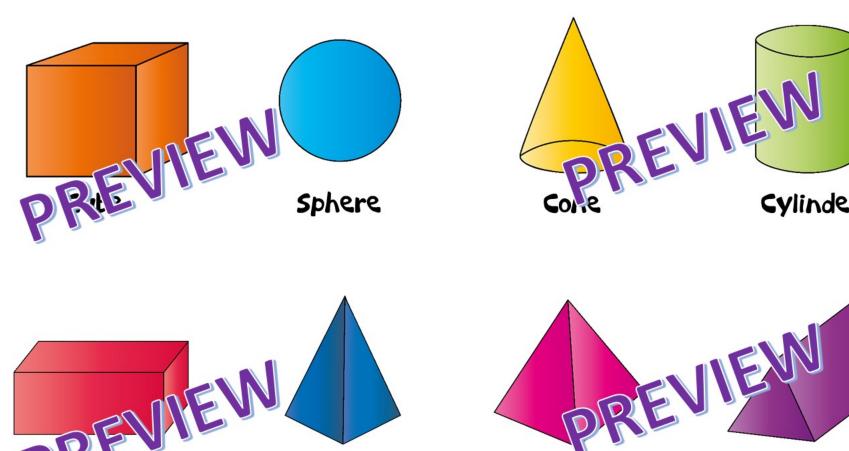
Best part of the project







# 3D Shapes



Rectangular Prisim

Triangular Based Pyramid

Square Based **Pyramid** 

Triangular Prism

Cylinder



### Record of each 3D shape used in Your City Planning

	Bull Record of edge 3D shape ased in roak on a rightning						
	Shape Name	Number of faces	Number of edges	Number of vertices			
					W		
PRE	1ENA		PR	EVIE			
PKL							
					W		
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PRE							





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