

Engineering Design Process- Use your notebook

13) What is the engineering design process?

14) **Why** do engineers build and test models?

15) **How** do engineers use prototypes?

16) Why do engineers who design buildings need to test the ground at the building sit?

Density- Use the density worksheet and your notebook

17) Draw three grids for objects with different volumes.

18) Draw two grids for objects with the same volume.

19) Draw grids for three objects with different masses.

20) Draw grids for two objects of different sizes that have the same mass.

21) Draw the grid for an object with high density.

22) Draw the grid for an object with low density.

23) Draw grids for two different size objects with the same density.