

VIDEO: THE CELL – HOW IT WORKS (MoD)

Date _____

1. To observe detailed structures in the cell, scientists use _____.
2. All cells have a “boundary” called the _____.
3. The “control centre” of the cell is the _____.
4. The *cytosol* is a fluid because it allows chemicals to _____
_____.
5. The *nucleus* contains _____.
6. Within the nucleus is an area called the _____ and it carries _____.
7. Ribosomes that are not floating around in the cytosol are attached to the _____
_____.
8. Proteins made from the ribosomes on the rough endoplasmic reticulum are modified and can then travel to the *Golgi body* in capsules called _____.
9. The *smooth endoplasmic reticulum* has no _____ and its function is to produce _____.
10. The *mitochondria* is the “powerhouse” of the cell because it produces _____.
11. *Lysosomes* contain _____ used to _____ large molecules.
12. The function of the *cytoskeleton* is to keep the _____ of the cell.
13. Plant cells have two additional structures: 1. _____,
2. _____.