**SWISS INTERNATIONAL SCHOOL**

**Biology Grade 9 (Term 1 2019/2020) Teacher : Ms.Shashi**

**Topic : Cell Biology and Genetics**

**Revision List**

You need to know :

- the cell theory

- eukaryotic cell – organelles and their functions

- differences and similarities between an animal cell and a plant cell

- cell cycle – phases and what happens in each phase

- cell division and specialisation - importance

- mitosis – detailed description of each phase and able to identify phases

- what nucleus, DNA and chromosome are

- Mendel’s law

- Important terms - homozygous, heterozygous, alleles, gene, dominant gene, recessive gene, chromosome, phenotype and genotype.

- how to use a Punnett Square to calculate ratios of offspring

**There are a lot of revision materials on Moodle. Make sure you have a look at them now and not a few days before your test. Revising early takes away a lot of last minute stress. You need to learn how to manage your own time. GOOD LUCK.**

**Ms.Shashi**