**Knowledge organiser for KS5 Biology Inheritance at Saint Ambrose College 2020+**

**What is covered in this unit?**

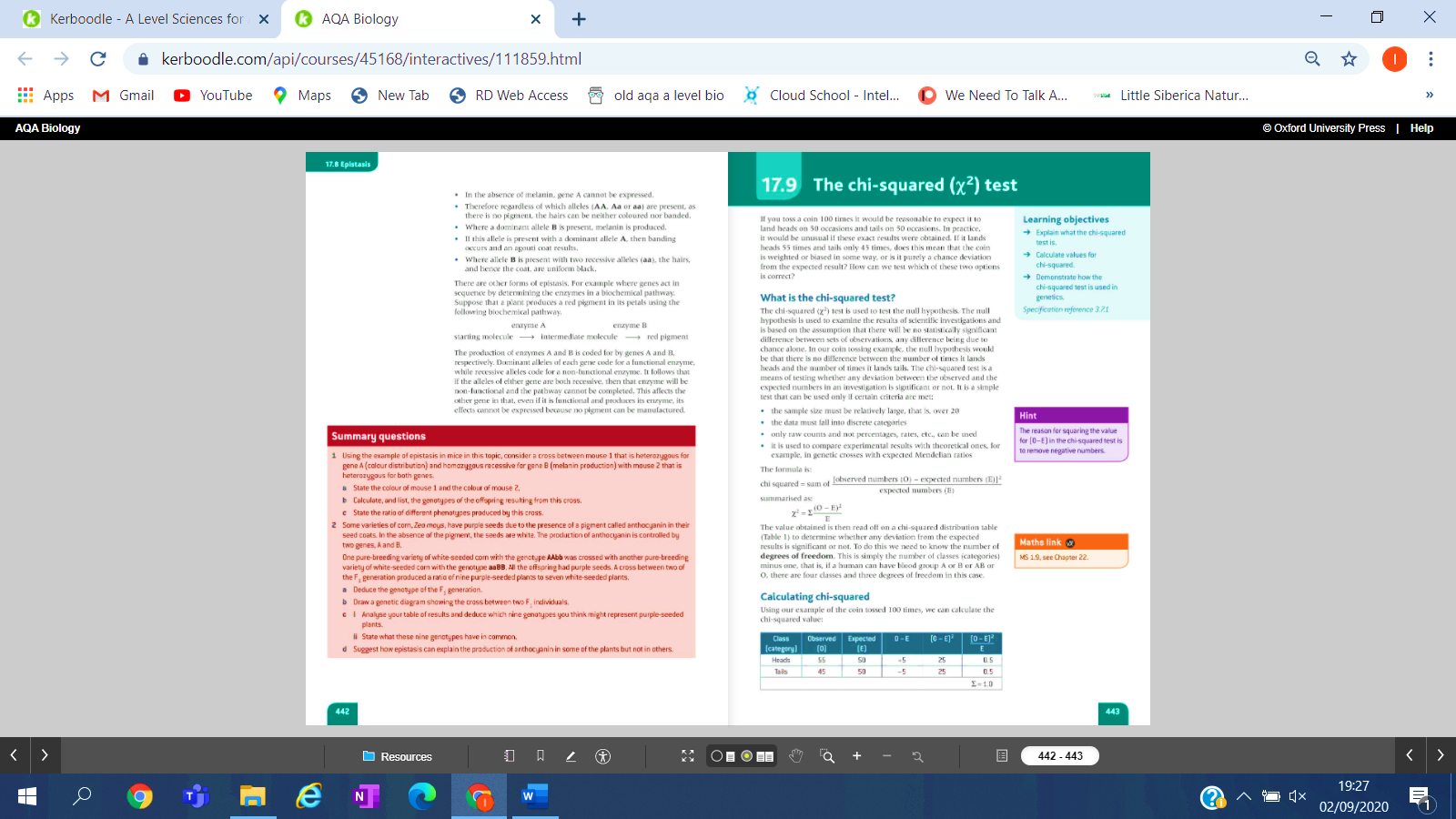
Function of the genotype; Role of the phenotype; Alleles; Diploid organism; Genetic diagrams, monohybrid and dihybrid crosses involving dominant, recessive and codominant alleles, crosses involving sex linkage, autosomal linkage, multiple alleles and epistasis; Chi-squared test

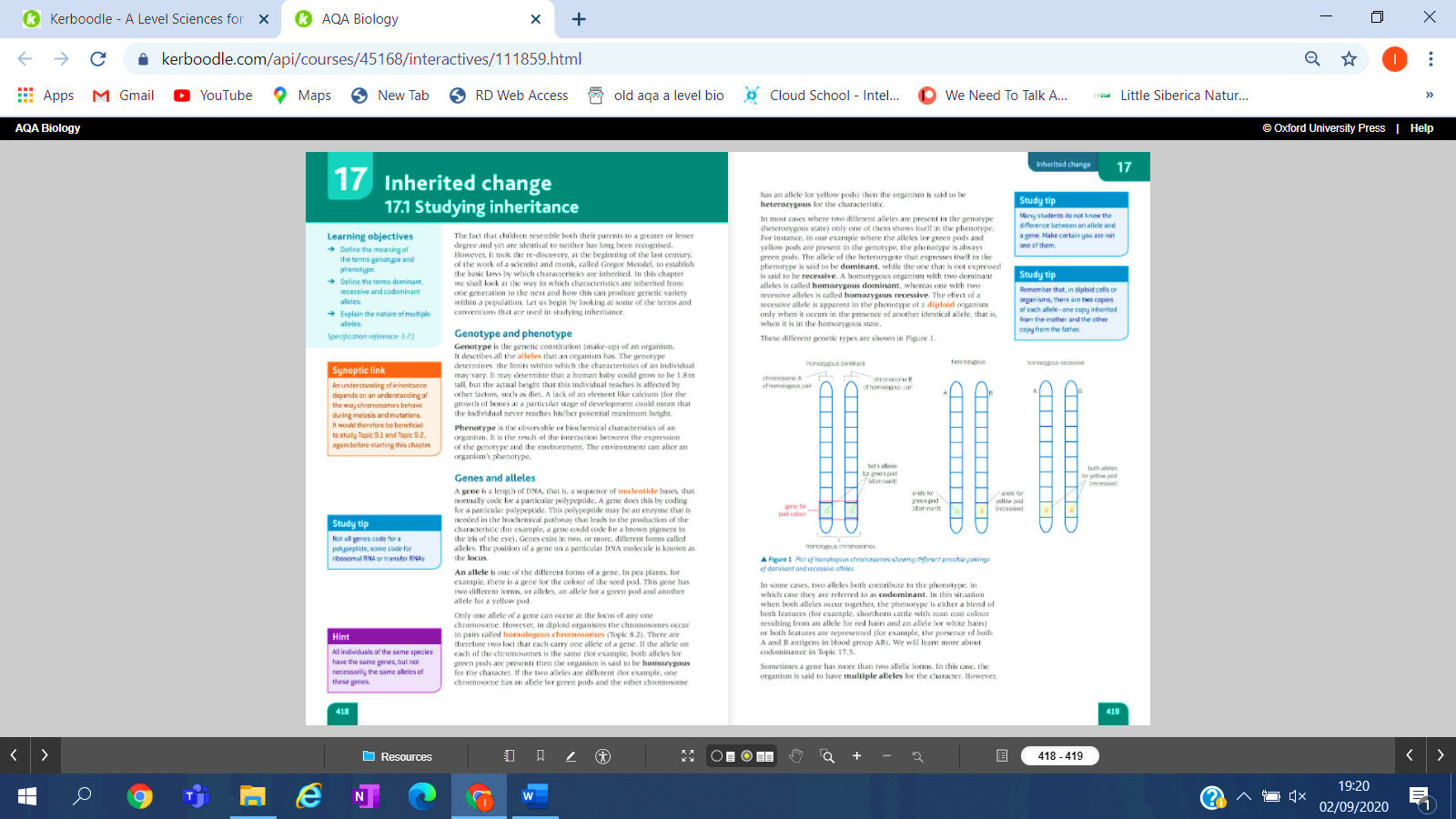
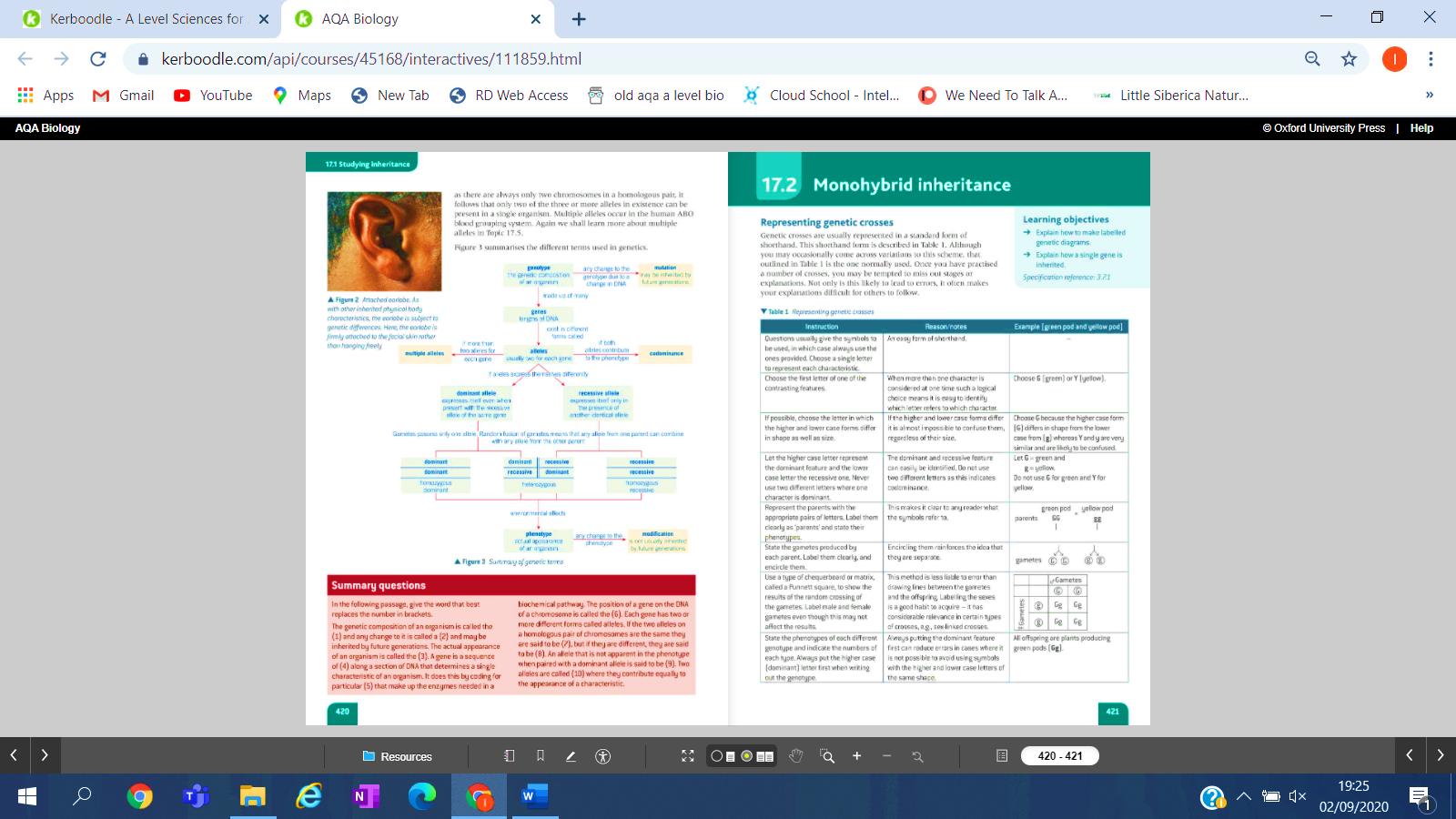
**Key vocabulary**

Genotype – the genetic constitution of an organism

Phenotype – the observable or biochemical characteristics of an organism

Allele – one of the different forms of a gene

**Key facts-**



**Possible homework tasks I Stretch & challenge (wider reading/independent work)**

H/W:including project, Kerboodle, Kahoot. Stretch: modelling tasks, Biological Science Review research.