

YEAR 9 A - F – BIOLOGY

WEEK 13 (22nd Nov to 26th November)

Work sent to students through Class Bio WhatsApp Group/G mail/Google Classroom

Topics 1i & 8b: Transporting substances & Factors affecting diffusion

L.O: Understand how substances are transported by active transport and explain the factors affecting diffusion.

Sunday-Zero period(boys) Sunday-7 th period(girls)	Zoom: Describe how substances are transported by active transport. https://www.youtube.com/watch?v=2-icEADPOJ4 Textbook page : 24 - 25 Resources: Textbook, Video Links & Power point. Students able to: ● Define active transport . ● Identify few factors required for active transport. ● Describe the process of active transport.
Wednesday-2 nd period (girls) Sunday -1 st period(boys)	Zoom: Describe the factors affecting the rate of diffusion & Calculate the rate of diffusion using Fick's law https://www.youtube.com/watch?v=lxHMJaXOzP4 Textbook page : 164 - 165 Resources: Textbook, Video Links & Power point. Students able to: ● Calculate rates of diffusion using Fick's law. ● Describe the effect of a high concentration gradient on the rate of diffusion. ● Explain how surface area affects the rate of diffusion.
Sunday-2 nd period(boys) Wednesday -3 rd period(girls)	GC: Students to complete the textbook questions on Factors affecting diffusion and turn in their work. Resources: Textbook (Pgs 164-165)