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30 November 2020

Dear Parent/Carer

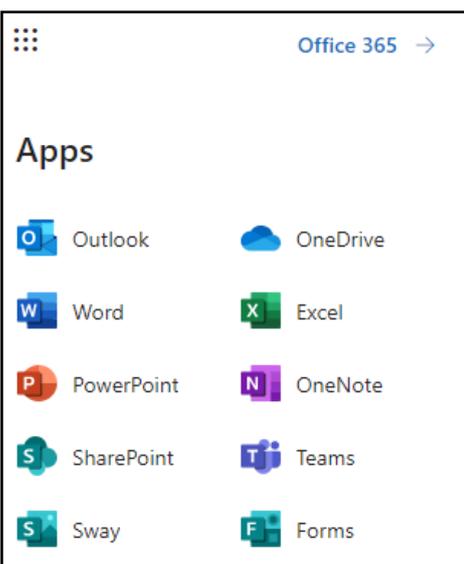
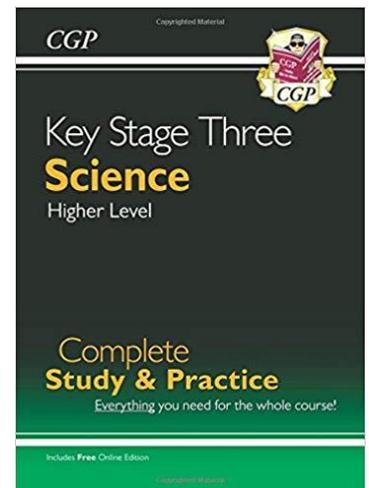
Year 8 Autumn Assessment – Week beginning 7 December 2020

The Science Department's Autumn Assessment will cover the three topics listed below. The Science teacher will state which lesson in that week it will be.

- **Cells and Organisation - Life on Earth (Bio)** – Animal and Plant cells, unicellular organisms, diffusion, organisation, circulation, respiration, gas exchange, breathing, cell division, digestion and enzymes.
- **Earth and the Atmosphere (Chem)** – the Earth's atmosphere, sedimentary, metamorphic, igneous rocks, the rock cycle, carbon cycle, climate change, recycling.
- **Health and Disease - 24hr A&E (Bio)** – diet, nutrition, medical and recreational drugs, pathogen, epidemics and pandemics, vaccination, immunity.

The assessment will consist of some short questions to test knowledge and the rest being longer answers to test application, maths in Science and investigation skills. I have also attached 12 questions and answers as a separate document for the students to learn. The short knowledge questions will consist of 9 random questions taken from this sheet.

For revision resources, there is the KS3 revision guide, pictured to the right. This can be bought online on Scopay for £5.80 and will be delivered to students by their teachers in their Science lesson.

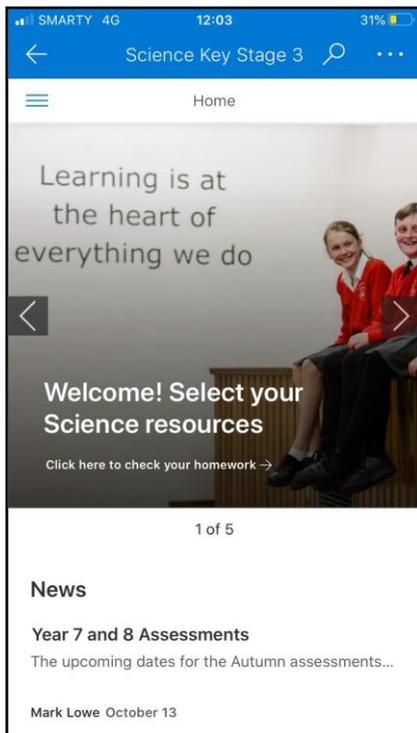
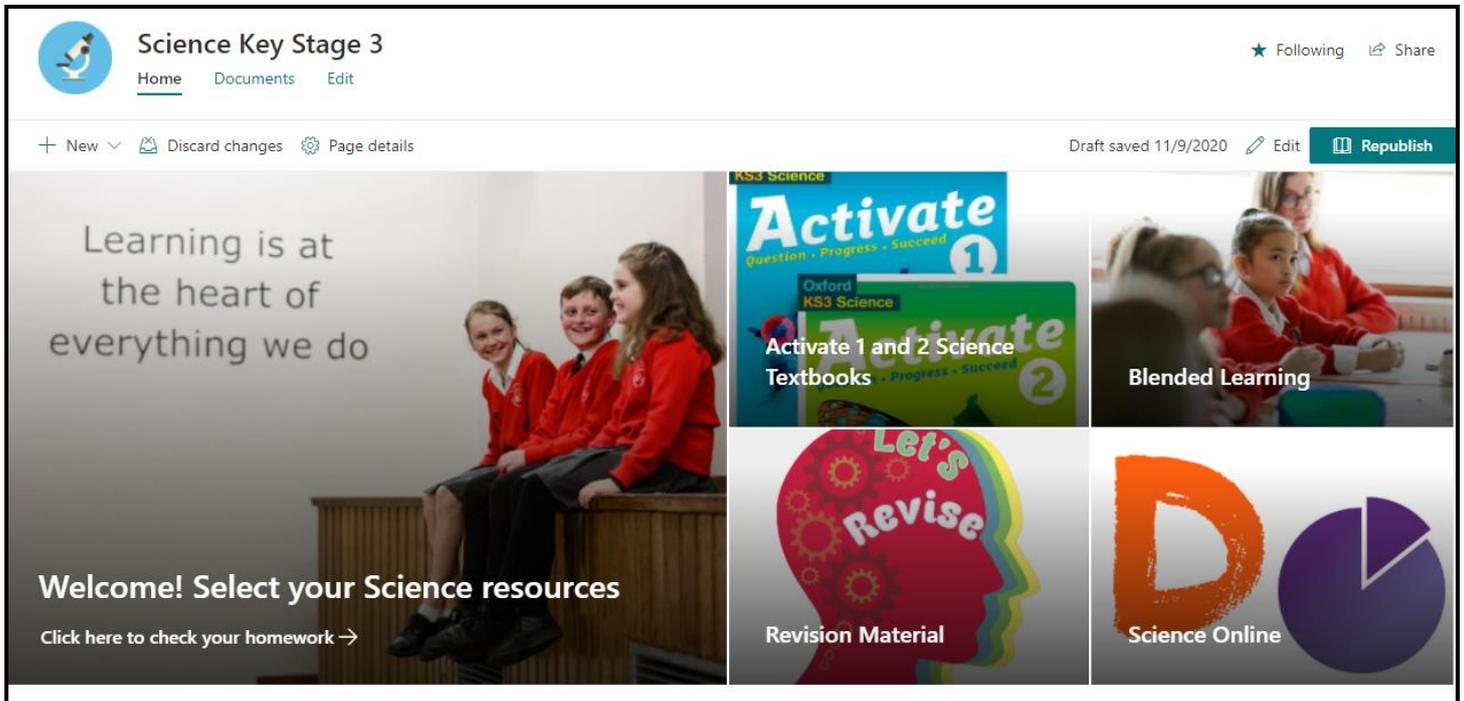


In order to support student's revision and learning at home this year, we have created a Microsoft SharePoint site for Science. This site is obtained through their email via Microsoft365, which has a suite of Microsoft Office applications online (such as that seen on the left when logged in).

Students can search for 'Science Key Stage 3' while in SharePoint and then 'follow' the site so it is added to their favourites.

Here it is possible to access digital copies of the Activate 1 and 2 textbook and obtain additional resources that can be viewed or downloaded such as revision sheets or practice exam questions.





It is possible to also download the MS SharePoint app for free to use on a phone via the Android or Apple store.



Scan here for Android phones



Scan here for Apple phones

If you have any technical issues, please email mlowe@downlands.org

Yours faithfully

M Lowe

Mr M Lowe
KS3 Coordinator Science