

Cheshire & Stockport SLP Newsletter - January 2018 (3)

The new STEM learning magazine is now available

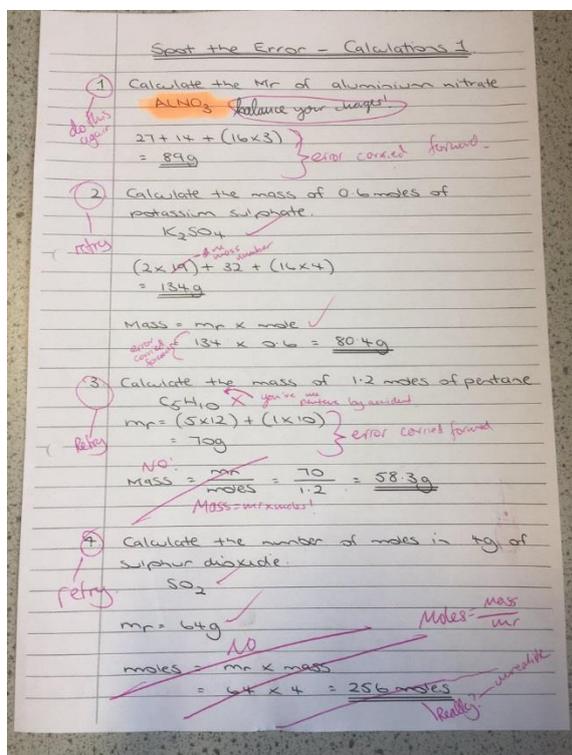
https://www.stem.org.uk/news-views/magazines?utm_source=Twitter&utm_medium=Social%20media&utm_campaign=STEM%20Learning%20magazines

and includes an article on effective revision – something which I am sure most of you will find helpful. Here's another

<http://www.theconfidentteacher.com/2018/01/top-10-revision-strategies/>

and whilst it may seem early to be thinking about revision, the research has shown that it is more effective when students embed activities to help them learn as they progress through a course.

Any of you, who have links with PiXL may already have seen this:



It's not a new idea, but a great way of building

confidence in students – give them some work that you have produced, complete with errors to correct.

Another of the things that I have found helpful is the use of simulations to help explain concepts that students struggle with. The following website is easy to use and has some good animations <https://phet.colorado.edu/>

One of the challenges we face is in assessing what it is that students know and what it is that they understand. This is particularly pertinent in the new exams where students have to apply their knowledge and understanding. This article

<https://chemdrk.wordpress.com/2018/01/19/do-they-really-get-it-or-are-they-just-giving-me-the-right-answer/> discusses the use of assessment for learning in science.

If you are interested in developing your skills in this crucial area, I can thoroughly recommend the following:

<https://www.stem.org.uk/cpd/410292/assessment-learning-stem-teaching>

With the change in the assessment of practical work at KS4 and KS5, and following on from the Gatsby Report Good Practical Science

<http://www.gatsby.org.uk/education/programmes/support-for-practical-science-in-schools>

The ASE is inviting expressions of interest from science leaders and science teachers from secondary schools in England who would like to work with ASE in creating guidance for developing a written policy for practical science. If you would like to find out more about taking part in this project please complete our very short form by the end of January. bit.ly/GatsbyASE

There is much focus on teacher recruitment and retention; (in fact this week, it's not just teachers who have hit the headlines but other public sector workers such as nurses), so it's good to remind ourselves of the importance of investment in such a vital resource

<https://www.bitc.org.uk/media-centre/blogs/why-should-we-invest-teachers>

Don't forget our training and do get in touch if there's anything we can support you with.