**PRIMARY NEWSLETTER – Autumn 1 2022**

Hello and welcome to the new term and the new academic year. Whether you are new to teaching, new to leading science, have a new year group or are simply starting the new year, we hope that there will be something useful for you. And just to introduce ourselves, Science Learning Partnerships are your local curriculum hubs for science and can provide science related support including CPD.

A big part of teaching science is about working scientifically. Have you seen these symbols for the different enquiry skills? PSTT has a poster and explanations and examples of the various different skills here. Primary upd8 has a collection of activities linked to everyday life and current events, designed to develop scientific enquiry skills. They include resources and teacher notes and can be accessed here.

BBC Teach is resuming live lessons this autumn – if you'd like to know more, you can sign up to the newsletter here. You can also get access to previous live lessons, as well as debates and other articles via this link. Whether you are studying Space, Plants or some other science topic, there's lots of support available.

If you are running a STEM Club or looking for enrichment activities, then these resources (developed by Christina Astin and funded by the Ogden Trust) include teacher notes and slides covering the topics of Planet-tastic plastics and Wind Power. (Both align with Y5 teaching topics too – materials and forces to be precise). This Sustainability Guide for schools (from WWF) has lots of ideas for activities and includes links for all sorts of events and information.

All about STEM have lots of 6 week STEM Club resources on their website, including Space themed ones from the Royal Air Force – which are suitable for 9-14 year olds so could be included for KS2 pupils.

I am sure that we all understand the benefits of outdoor learning – something we hope that children enjoy all year round, but particularly whilst the weather's still warm and often sunny. If you haven't

yet introduced it – then the Eden Project has 7 easy steps here. There are so many great cross curricular links too – such as gathering leaves for William Morris inspired artwork (thanks @StOswaldsCE for the inspiration). Insect week might not be until next summer, but do check out this website and the fabulous Instar magazine.
Drought has very much been in the news this summer, with images of some of Europe's largest rivers, looking very 'empty'. The latest issue of the ASE's Primary Science Journal has an open access article all about the Dry Project – with links to resources – for teaching about the hidden climate threat of drought in the UK. Read more here.

If you are looking for guidance on Inclusive Approaches to make science lessons accessible for all learners, including those with diverse needs, then PSST's guide on inclusion in primary science may be of interest. It includes the background to the two resources, how to use them and some case studies as well.

Don't forget there are lots of resources on the STEM Learning website too – why not start here with the curated resources? The links take you to topics, sorted by year group.

If you haven't yet joined the STEM Community, then why not make this the year that you do? There are special groups for early career teachers – the Early Career Club – Primary; as well as Primary STEM and careers, clubs and cross curricular, in addition to the community noticeboard section. It's an ideal place to ask questions of others in the same situation as yourselves and access the expertise of other primary teachers.