

SSERC early years and primary STEM bulletin

The early years and primary STEM bulletins are full of brilliant activities, Health and Safety advice and packed full of useful resources for use in school, at extra-curricular clubs or to support STEM learning at home.

What can SSERC do for you?

SSERC is a not-for-profit limited company and a registered Scottish Charity set up for the benefit of STEM within Scottish Education.

SSERC was formally incorporated and registered as a charity in 1991.

All 32 Scottish Local Authorities are members of SSERC and we provide:

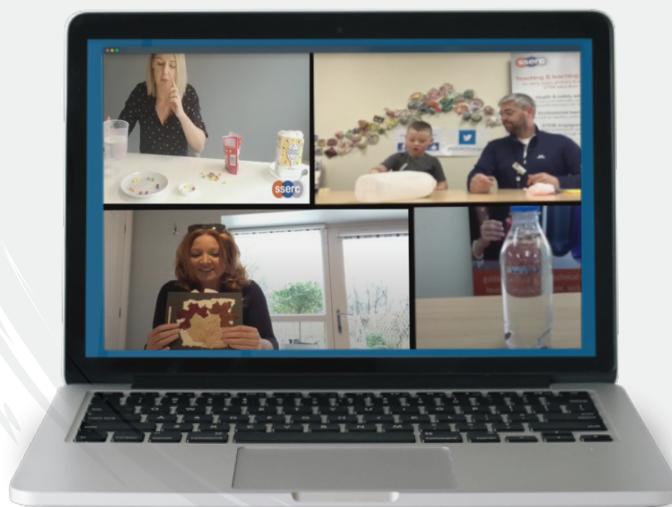
- Professional Learning (PL) for early years practitioners, primary and secondary teachers, school and college technicians and childminders .
- Advisory Service.
- Wider STEM engagement activities including the Young STEM Leader Programme, management of the STEM Ambassadors in Scotland Hub, ENTHUSE Partnerships, the Scottish STEM Placements Programme and Education/ Industry Partnerships.

Our headquarters are in Dunfermline, although our reach is across all parts of Scotland. To find out more about what we could offer you [click here](#).

Home Learning videos

The last 18 months has been a challenge, for those working in education there have been unprecedented challenges. The early years and primary team at SSERC have continued to support practical STEM across all educational settings and at home with the a variety of Home Learning videos that can be used to support learning and

Home Learning videos.



teaching at home, in your setting or as part of a STEM challenge. There are a further videos available through our [early years and primary SSERC TV](#) YouTube channel.

SSERC website

If you have not already subscribed then we'd like to encourage you to do so!

[Registration](#) takes less than a minute, when registering please provide an education email address to allow a username and password to be sent out.

This will allow you to access the full library of our resources including our bulletins.

Bulletins

SSERC produce a bulletin each term, providing advice and ideas for early years and primary practitioners with a STEM focus. You can find our most recent bulletins [here](#).

Note! Certain areas of the website are open for registered users. Please login/register [here](#) to gain access to all our amazing bulletins.

SSERC bulletins



Health and Safety advice

While STEM activities for early years and primary learners are generally far less hazardous than those in secondary schools, that does not mean there are no hazards to be considered. The [Health and safety](#) section of the website is locked to registered users only. We encourage you to create a log in for our site to gain access to guidance and support for delivering engaging, motivating and safe STEM activities to learners. Ultimately, you and your learners are of paramount importance to us so when delivering practical STEM activities please remember 'When in doubt give SSERC a shout'.

Professional Learning



SSERC are proud of the quality and variety of courses offered to early years practitioners and primary teachers and we recognise the need for [PL opportunities](#) in STEM including [Digital Skills](#) which focus on offering support at a time of significant curriculum change.

SSERC have developed a range of courses which focus on practical, hands-on activities that are easily applied in the classroom. Our course offerings range from early years up to, and including, primary-secondary transition and we offer residential, non-residential and remote learning opportunities.

Delegates on ENTHUSE funded residential PL courses are eligible to receive a grant to support their attendance. If you are teaching in a Local Authority funded school in Scotland you qualify for an ENTHUSE Award from STEM Learning which will cover registration and accommodation costs associated with the courses. <<

Inspiring STEM Educators

Early Years & Primary Health & Safety

Home » Health & Safety » Early Years & Primary Health & Safety

Covid-19 guidance. (25th June 2020) We have now published our guidance on how to safely carry out STEM activities in Early Years and Primary. You can download the document [here](#).

While it is certainly the case that science and technology activities for early years and in primary schools are generally far less hazardous than those in secondary schools, that does not mean there are no hazards to be considered.

In addition, the younger pupils are often more at risk due to their age and inexperience than their older counterparts. Also, science and technology is often taught by teachers who do not have a background in the subject.

Thus a source of reliable, easy to understand Health and Safety advice for early years and primary schools is of the greatest importance. That is what these pages are for.

Be Safe! – The key document here is the ASE publication Be Safe! Every school should have at least one copy. If you don't have one, you can get them from the ASE online bookshop [here](#).



STEM by the Book

New resource



SSERC are delighted to be able to share our new on-line resource **STEM by the Book**.

We have taken inspiration from a range of well-known (and not so familiar) children's books and linked them to a range of SSERC practical activities - designed to support STEM and Literacy.

With an increased emphasis on building literacy skills post-lockdown we feel that this new resource will be really useful in supporting settings across the country.

We are sharing 10 sets of activities initially and we will add more to the website over the coming months. Each activity is closely linked to the story and makes use of easy to access resources.

We have selected books and activities linked to CfE Early, First and Second Level Experiences and Outcomes - designed to support reading, listening and talking. With an emphasis on understanding, analysing, evaluating and investigating - the resource aims to engage learners with increasingly complex ideas, structures and specialist vocabulary for different purposes. <<

