

## STEM Weekly Update 24.06.20

## A selection of practice and resources to support STEM learning



You said: Practitioners told us they didn't have the time to search for online resources and that it would be great if Education Scotland could collate practice, resources and ideas for them.

We did: Our STEM team are scanning the web and social media for you so you can focus on other priorities. We hope this Weekly Update is useful. Check out our archive listing at:

<a href="https://blogs.glowscotland.org.uk/glowblogs/STEMcentralinmotion/stem-resources/">https://blogs.glowscotland.org.uk/glowblogs/STEMcentralinmotion/stem-resources/</a>. Email us at <a href="mailto:stem@educationscotland.gov.scot">stem@educationscotland.gov.scot</a> with suggestions and to let us know if this is useful.

Sector	Establishment/Practitioner	Local authority	Theme	Description
Cross Sector	Buddy Burst	UK	Outdoor learning	Keep gardening during lockdown with free seeds
	Kids of the Wild	UK	Outdoor learning	Outdoor Learning Indoors - for those with limited access to outdoor space
	Outdoor Classroom	UK	Outdoor learning	Play ideas to do at home, outdoor lesson ideas for school, or making outdoors part of every child's day
	East Lothian Outdoor Learning	East Lothian	Outdoor Learning	30 Days Wild
	North Ayrshire Family Learning	North Ayrshire	Digital	Digital Workshops
	Raspberry Pi	UK	Digital	3D design at Digital Making at Home
	Born to be an engineer	UK	Engineering	Resources to support the next generation of engineers
	Glasgow Science Centre	Glasgow	Engineering	International Women in Engineering
	The Observatory Science Centre	UK	Science	Variety of science resources and activities for learning at home
	Explorify	UK	Science	Take home STEM projects
	Dundee Science Centre	Dundee	STEM	Online home learning resources
	National Mining Museum	Midlothian	STEM/Outdoor Learning	Learning journey at home
	Education Scotland	Scotland	Professional Learning	Family learning planning and delivery
ELC	Falkirk Early Learning	Falkirk	STEM	Block Play
Primary	Kirkton of Largo Primary School	Fife	Maths and Technology	Beebots at home
	Fintry Primary School	Dundee	STEM	Online STEM challenges
	Boghall Primary School	West Lothian	Science	STEM Challenge by making your own floating garden
	Parkhill Primary School	West Dumbartonshire	Outdoor Learning	Example of Outdoor Learning
Secondary	Institute of Civil Engineering (ICE)	UK	Engineering	Registration is now open for July's Smeaton Lecture; the story of British consulting engineers & how they built the industrial world.
	Castlebrae Community High School	Edinburgh	Science	Science Challenges
	Science in the real world	Scotland	Science	Online webinar and resources
	School of Life Sciences at the University of Dundee	Dundee	Life Sciences	Online work experience
	Peter Edmunds	UK	Science	Physics and science teaching resources and activities
	The International Union of Pure and Applied Chemistry (IUPAC)	International	Science	Periodic table challenge - Chemistry
	Larbert High School	Falkirk	Science	Higher physics photoelectric effect resources

Sciences and STEM Wakelets: https://wakelet.com/@STEMES

STEM Blog: https://blogs.glowscotland.org.uk/glowblogs/STEMcentralinmotion/

GLOW Sciences PLC: <a href="https://glowscotland.sharepoint.com/sites/sciencesplc">https://glowscotland.sharepoint.com/sites/sciencesplc</a>

Twitter: <a href="mailto:oct-sciences">oct-sciences</a> #STEMNation (Use this hashtag to share your practice)

@EdScotIGBE

@ EdScotLfS #ThisisLfS #TimeforLfS

STEM Resources page on National Improvement Hub: <a href="https://education.gov.scot/improvement/learning-resources/a-summary-of-stem-resources/">https://education.gov.scot/improvement/learning-resources/a-summary-of-stem-resources/</a>

Improving Gender Balance and Equality: https://education.gov.scot/improvement/learning-resources/improving-gender-balance-3-18/