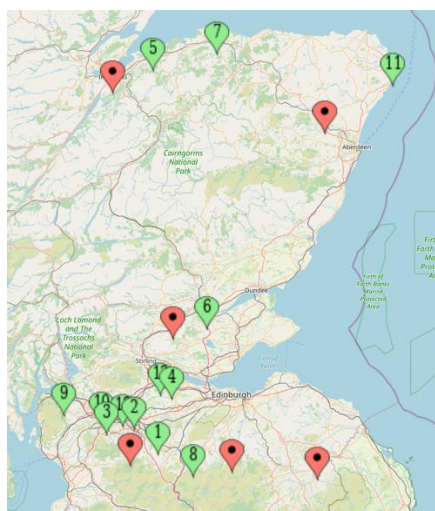


SEPS_IS Storyline

- The idea of the SEPS-IS activity pack first originated from the research work on how to improve sepsis diagnostics in hospitals using engineering and medical sciences by Dr Jimenez and colleagues (work supported by the Royal Academy of Engineering and CSO). Sepsis is of tremendous importance worldwide and the efforts of the team in the field of medical diagnostics need to work hand-in-hand with a better recognition of the signs of sepsis by the public.
- the focus was set on children to have a transgenerational reach – and give an opportunity to everyone to hear about sepsis, no matter their biology background
- Conversations with Sepsis Research FEAT started in February 2020
- A truly interdisciplinary team of researchers (with expertise in medical sciences, parasitology, immunology, chemistry, engineering, etc), in collaboration with Sepsis Research FEAT, worked together first on an article to explain sepsis and what it does to our body along with some exciting research work in the field in Scotland
- The article was then submitted for publication to the journal Frontiers for Young Minds, reviewed by “Young Reviewers” (~15yo) and an expert editor – after amendments based on comments received to improve the manuscript, the article is now available worldwide for free:
<https://kids.frontiersin.org/articles/10.3389/frym.2021.639681>
- The team then worked on how the article could be used in schools. A survey – promoted with the help of SSERC (the Scottish School Education Research Centre) – was used to gauge interest in Scottish secondary schools (~May 2020).

- 21 teachers replied to the survey - 13 expressed an interest in participating to SEPS-IS



- Majority thought that
 - an image competition is a good idea (only one teacher thought this was not a good approach),
 - the best time for an image competition was after September (84%),

- we should provide an activity pack with materials for teachers, etc as opposed to just a list of trusted resources (67%),
- Mixed feedback for the target age (33% S1-S2, 29% S3-S4, 38% S5-S6)

- Based on comments received by teachers, an activity pack was then drafted - with feedback collected from 5 schools (by emails)

- After amendments, the pack was sent to 17 secondary schools for use last academic year – Roll out the whole of Scotland is anticipated in September/October via the Educational portal and support from Scottish Government

- People involved in the SEPS_IS activity pack:

For the article:

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For the activity pack: mostly Andrew Farthing, Jessie Howell, Alice Garrett, Jennifer Gracie, Colin Graham, Gill Thomson and Melanie Jimenez

- The SEPS-IS team also worked with an artist (from the Glasgow School of Art) – Katherine Wallace – to have their representation of sepsis after reading the pack (~August 2021)