



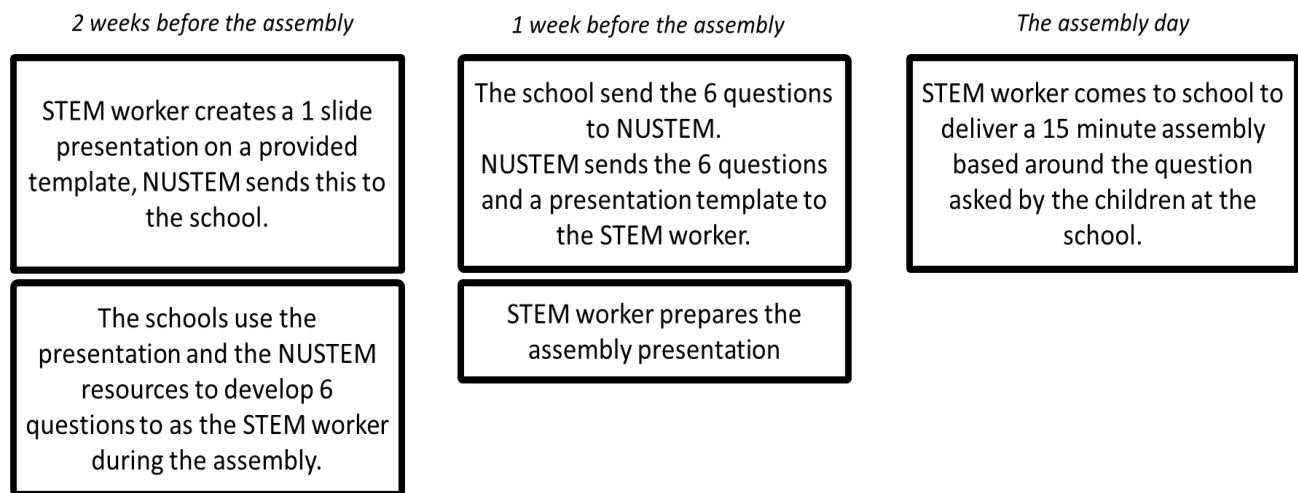
NUSTEM Encounters

Children in primary schools enjoy having people such as the police or medical personnel come into a school assembly to talk about what they do. NUSTEM Encounters will support people who have a STEM (science, technology, engineering and maths) job to visit local schools to share what they do, and help children and adults get the most out of the experience.

Through NUSTEM Encounters children will gain more knowledge of STEM jobs, what people in these jobs do, and what characteristics they need for their work.

What is the NUSTEM Encounters model?

The NUSTEM Encounters model provides a structured process through which an industry professional engages in interactive discussions with children in a school. The diagram below outlines the process of the encounter.



Taking part

Within the third week before the STEM professional's visit to your school, you will be provided with a slide containing a picture of the STEM professional at work, a short description of what they do in their job, and their job role.





Two weeks before the STEM professional's visit, class teachers in each year group will use the slide provided to introduce the STEM professional to the children. The children will then suggest questions to ask the STEM professional using the information provided in the slide as a starting point. The school then chooses six questions (the best question from each year group) and returns them to NUSTEM. We will send them to the STEM professional one week prior to the school visit. The STEM professional will then prepare a set of 6 slides which help them to answer the children's questions (one slide for each question).

What happens on the day?

On the day of the school visit, during assembly, the STEM professional will present for about 15 minutes providing a brief overview of who they are and what they do. The person would use the questions the children asked to structure the talk.

By knowing these questions in advance, the STEM professional will be able to provide a detailed response with suitable examples where needed. The person might bring interesting items from work that can further explain their response to the children's questions.

After the visit to the selected school, we would appreciate your feedback using a survey on the engagement process and the experience of having an STEM professional interacting with the children.

About NUSTEM

NUSTEM is a STEM outreach and research group at Northumbria University. Our vision is for a vibrant and sustainable STEM sector which meets the needs of learners and employers, reflecting the diversity of wider society. NUSTEM's education work is research-informed and you can find out more at nustem.uk.

What if I want more information?

If you have any questions about the project or engagement with the school or just require more information, you can contact the project manager, Itoro Emembolu.

itoro.c.emembolu@northumbria.ac.uk