Questions for reflection

Designing your own reflection activity after your experience, but don't know where to start? We're here to help! In this guide you'll find example questions and advice to support you to do just that.

Use these questions when developing your own reflection activity. Choose 3 or 4 and share them with the teacher in a way that they can easily distribute to their students. Either you or the teacher can give them out at the end of your session, or the teacher can use them in a session a couple of weeks after the event.

Top tip: Consider questions with that encourage young people to use higher order thinking. Questions that achieve this might start with:

- evaluate / analyse / create

A good way for young people to reflect might also inspire action and ask them to consider next steps:

- In the future, how would you like to continue exploring this topic / theme?

Example questions

Skills

What skills did you use during the initial activity?

Can you explain a new concept or skill you discovered?

Did you work in a team? If so, how did you collaborate with your teammates?

How did the activity help you develop problem-solving / team-working / creative skills?

What challenges did you face and how did you overcome them?

Next steps

If you could choose someone from STEM to visit the school what area of work or role would you want to learn more about?

How would you explain [topic] to a younger student or sibling?

What would you like to learn more about after this experience?

What advice would you give to another student who is about to participate in this activity?

Activity feedback and reflection

What was the key thing from the activity that stuck in your mind? Why?

What was the most interesting thing you learned during the activity?

How did the activity change your understanding of the topic?

What was your favourite part of the activity and why?

How do you think this activity relates to real-world applications?

Did the activity inspire you to consider a career in STEM? Why or why not?

What surprised you the most about the activity?

Can you think of any other subjects or topics that connect to what you learned?

How did the activity make you feel about your abilities in STEM?

What part of the experience inspired you to want to know more?