

NE712 Linking curriculum learning to STEM careers

Discussion points for linking curriculum learning to careers

1. School / college wider strategy

- Are you aware of who leads careers in your school / college / department?
- Is there a formal school, college or department plan for how careers should be implemented in your classroom? (For example, careers sessions once a term, careers themed starters, careers specific content identified in your schemes of learning.)
- Do you share ideas or approaches to career learning with other colleagues? (Either informally or formally).
- Does your school or college promote and support a wide range of students to engage with extra-curricular STEM or employer linked competitions?
- Does your school or college allow employers to work with students during lessons, extra-curricular or as part of pastoral activity?

2. Classroom experiences

- Do you encourage students to discuss current events / news stories that link to your subject both inside and outside of your classroom?
- Do you provide opportunity for students to personalise an element of their learning in a way that relates to their own career aspirations or topics that matter to them?
- Do you encourage all students to see the STEM opportunities available to them, regardless of gender, race or academic ability?
- Do you use video or media articles in your teaching to show how your curriculum is applied outside of the classroom?

3. Employer linked learning

- Do you provide students with the opportunity to meet and learn from people that work in a career related to your subject? (For example lesson presentations, activities, talks.)
- Do you provide students with the opportunity to visit a workplace or learn how your curriculum is applied in the world of work?
- Do you provide students with the opportunity to work on projects that link to or collaborate with an employer?
- Do you link the skills that students use in the classroom to skills that they will need to be successful in employment? (For example Essential Skills like problem solving, teamwork and creativity.)
- Do you provide parents / carers with the opportunity to engage with employers and see the link between your subject and future employment opportunities for their children? (For example evening lectures, parents evening, weekend events.)

4. Highlighting a wide range of further study routes and careers:

- Do you include information in your lessons that help students to understand the further study routes available to them that link to your subject?
- Does your taught content include reference to a wide range of careers covering a range of STEM sectors? (For example digital, logistics, engineering, healthcare, manufacturing, construction, biosciences.)
- Do your students see examples of people or careers in STEM that are in non-STEM roles? (For example Human Resources, Facilities Management.)
- Do you help students to understand the transferability of STEM skills such as numeracy and digital skills, across a range of careers?