

Stem On line Learning Module: **Stem Basics Self –assessment:**

Where to find the quiz answers

We hope you enjoyed STEM Basics and feel that you are better informed about the role of STEM in careers guidance. Listed below are the locations of the answers to the STEM Basics self-assessment quiz.

Q1 Studying STEM subjects at school narrows your options.

Kate Bellingham, National STEM Careers Co-ordinator 2009 - 2011 says in the short video, on the first page titled: **The Rationale**, "*Studying STEM doesn't narrow your options, it opens the door to a wide range of opportunities*"

Q2 Over the last 5 years the numbers of pupils achieving A* – C grades in GCSE Biology, Chemistry, Physics and Maths has increased.

In the first page titled: **The Rationale**, follow the link to **STEM LMI: Key Data and Trends** (found in the information point immediately after the Current and Future Trends slideshow). This fact can be found in the third bullet point under the heading "*What's happening with STEM in schools?*"

Q3 Learning about the career opportunities that result from studying STEM can increase motivation

On the first page titled: **The Rationale**, Kate Bellingham, National STEM Careers Co-ordinator 2009 - 2011 says in the short video : "*Providing a STEM context can motivate learning for young people*"

Q4 Participation in engineering and manufacturing technology courses at Colleges of Further Education has increased over the last 5 years, for those over 19.

On the first page titled: **The Rationale**, look in the link to **STEM LMI: Key Data and Trends** (found in the information point immediately after the Current and Future Trends slideshow).

This fact can be found in the fourth bullet point under the title "*Apprenticeships, the Diploma and Further Education*".

Q5 Current and predicted labour market trends emphasise the need for an increase in the number of people who have high level skills and knowledge in STEM subjects

On the first page titled: **The Rationale**, this assertion is made in the **Current and Future Trends** slide show.

Q6 Match the question with the most appropriate careers or STEM information source

The answers are found in the descriptions of the information sources on the second page titled "**Key careers information resources for STEM**"

Q7 Using your knowledge gained in the 'Raising Awareness' section of STEM Basics, move the answer underneath the correct question.

All the answers can be found in the STEM Careers quiz (in PowerPoint format), which is found in bullet point two in the list that follows the sub heading "*How can this awareness raising be done?*"

Q8 Using the expertise you gained in the 'Importance of Equality and Diversity' section of STEM Basics, match the facts with the category

The facts and categories can be found in the slideshow "*Equality and Diversity in STEM Learning Routes and Careers*"