 

**Careers, Employability and Enterprise Audit across the Curriculum**

**Curriculum area: Science Curriculum Leader: Mr Dodd Date: Feb 23**

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| **Year group** | **How does your subject contribute to the Careers, Employability and Enterprise curriculum?** | **What are the activities used?** | Developing yourself through careers, employability and enterprise education | Learning about careers and the world of work | Developing your career management, employability and enterprise skills |
| **7** | * Career STEM workshop with the Royal Society of chemistry (Summer term) * Career STEM workshops for 7x1, KPMG/Coca cola * Girls in Engineering talk, awareness of forms of scientist discrimination. E.G not all scientists are male or wear white lab coats etc. * Display information about careers * Career presentation and discussions throughout each unit of work * STEM University workshops | * Activities that challenge preconceptions, stereotyped thinking and discrimination around roles, especially in learning and work. * Ignite new interest or raise attainment in STEM subjects through more imaginative and inventive teaching methods. * Practical skills used in STEM careers (engineering, biomedical, chemical engineering and lab skills, investigative skills and collaboration, LORIC) | 1,3 | 4, 8 | 10, 11, 12, 15, 16 |
| **8** | * Career STEM workshop with business and new technology organisation (KPMG/Coca Cola) * Girls in Engineering talk, awareness of forms of scientist discrimination. E.G not all scientists are male or wear white lab coats etc. * Display information about careers * Career presentation and discussions throughout each unit of work * STEM University workshops | * Activities that challenge preconceptions, stereotyped thinking and discrimination around roles, especially in learning and work. * Ignite new interest or raise attainment in STEM subjects through more imaginative and inventive teaching methods. * Arranging visits from employers or to other events relating to the world of work (BAE systems and magnetism) * Practical skills used in STEM careers (engineering, biomedical, chemical engineering and lab skills, investigative skills and collaboration, LORIC) | 1, 3 | 4, 5, 6, 8 | 10, 12, 15 |
| **9** | * Career STEM workshop with business and new technology organisation (DELL Technologies) * Future U Mentoring Science for 9y1 and 9y2. * Girls in Engineering talk, awareness of forms of scientist discrimination. E.G not all scientists are male or wear white lab coats etc. * Display information about careers * Career presentation and discussions throughout each unit of work * Career fairs / NHS visitors. * STEM university workshops | * Activities that challenge preconceptions, stereotyped thinking and discrimination around roles, especially in learning and work. * Ignite new interest or raise attainment in STEM subjects through more imaginative and inventive teaching methods. * Arranging visits to employers or to other events relating to the world of work (Victrex Technologies) * Practical skills used in STEM careers (engineering, biomedical, chemical engineering and lab skills, investigative skills and collaboration, LORIC) | 1, | 4, 5, 6, 9 | 10, 11, 14, 15, 17 |
| **10** | * Work experience * Display information about careers * Career presentation and discussions throughout each unit of work * Career fairs / NHS visitors. * Linking lessons of how science has evolved over time. E.G atomic structure, vaccines and medicine. * Practical lab/engineering skills | * Activities that challenge preconceptions, stereotyped thinking and discrimination around roles, especially in learning and work. * Ignite new interest or raise attainment in STEM subjects through more imaginative and inventive teaching methods. * Arranging visits to employers or to other events relating to the world of work (NHS/BAE/Victrex workshops) * Encourage young women to think about Manufacturing and Engineering as a career choice * Information on 11 different NHS career sectors. And visits to colleges | 1, 2 | *4, 5,6, 8, 9* | 10, 11, 14, 16, 17 |
| **11** | * Linking lessons of how science has evolved over time. E.G atomic structure, vaccines and medicine. * Practical lab/engineering skills | * Looking at careers/jobs in the future and the past. * Arranging visits to employers or to other events relating to the world of work (NHS/BAE/Victrex workshops) * Encourage young women to think about Manufacturing and Engineering as a career choice * Practical skills which link STEM based jobs with non- STEM based careers. E.G cosmetics counters, hairdressers, nail technicians etc. | 1, 2 | 4, 6, 9 | 10, 11, 14, 15 |

 

**Careers, Employability and Enterprise Audit across the Curriculum**

The framework presents learning outcome statements for pupils and students across seventeen important areas of careers, employability and enterprise learning. These statements show progression from Key Stage 2 through to post-16 education.

**Three core elements of Careers, Employability and Enterprise:**

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| **Developing yourself through careers, employability and enterprise education** | **Learning about careers and the world of work** | **Developing your career management and employability skills** |
| 1. Self-awareness 2. Self-determination 3. Self-improvement as a learner | 1. Exploring careers and career development 2. Investigating work and working life 3. Understanding business and industry 4. Investigating jobs and labour market information (LMI) 5. Valuing equality, diversity and inclusion 6. Learning about safe working practices and environments | 1. Making the most of careers information, advice and guidance 2. Preparing for employability 3. Showing initiative and enterprise 4. Developing personal financial capability 5. Identifying choices and opportunities 6. Planning and deciding 7. Handling applications and interviews 8. Managing changes and transitions |