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| **Sector** | **Career Category** | **Description** | **Website** | **Resources** |
| **Construction, Engineering and Science** | Go Construct | A website with activities, mainly aimed at secondary schools but some activities can be easily adapted. Competitions and resources also available | <https://www.goconstruct.org> | Free PowerPoint download about careers in construction and challenging stereotypes  <https://www.ivorgoodsite.org.uk/product/ivor-honors-careers-construction-presentation/>  Free PowerPoint download about site safety  <https://www.ivorgoodsite.org.uk/product/ivor-goodsites-site-safety-presentation/>  Free PowerPoint download about environment  <https://www.ivorgoodsite.org.uk/product/honor-goodsites-environmental-presentation/> |
| Practical Action | An excellent way in to discover careers in sustainability - e.g. a plastics project, flooding prevention | <https://practicalaction.org/schools/> | FREE STEM, science, design and technology resources focus on global issues including climate change, energy, food security and the Sustainable Development Goals.Popular in primary and secondary schools, they include teacher guides, pupil worksheets, PowerPoints, posters, images, videos, games and careers materials all set within a global context. |
| Royal Academy of Engineering | A wealth of resources, lesson plans, case studies on careers in engineering, looking at career paths and explanation of roles. | <https://www.raeng.org.uk/> | Case studies  <https://www.raeng.org.uk/education/what-is-engineering/engineer-case-studies>  Education programmes  <https://www.raeng.org.uk/education/schools/education-programmes>  Comprehensive topics such as Engineering at the Movies, with resources and lesson plans!  <https://www.raeng.org.uk/education/schools/teaching-and-learning-resources/curriculum-resources#engineering_in_the_movies> |
| The Institute of Engineering and Technology | Choose your subject from geometry, measurement, number, ratio, proportion, statistics, earth and space, electricity, everyday materials, forces and magnets, light and sound. | <https://education.theiet.org/primary/teaching-resources> | Excellent full lessons with a STEM focus, including a plan and PowerPoint presentation.  All free, you just need to register.   * Lessons include a section called ‘The Engineering Context’ explaining why engineers need to develop the skills taught in the lesson, e.g. ‘Exploding Views’ |
| Kids invent stuff | A monthly competition for children to design an invention. The winners are made and filmed by the YouTube channel, with sponsors such as The Hilton for ***design your own hotel room***. | <https://www.youtube.com/KidsInventStuff/videos> | Lots of D&T, science and engineering competitions communicated through video. |
| Imagine-X | Free lesson plans on Biomechanical Engineering – a project to build a prosthetic arm | <https://uk.rs-online.com/web/generalDisplay.html?id=stem/imagine-x> | Lesson plan for 2 lessons, accompanying PowerPoint, and worksheet. |
| Explorify | Enhance your science teaching and get your kids thinking like scientists | <https://explorify.wellcome.ac.uk/> | Good quality primary lesson plans, science challenges and experiments, prompts for discussion |
| Nevertheless | Free Women in Stem Posters | <https://medium.com/nevertheless-podcast/stem-role-models-posters-2404424b37dd> | Download these high quality posters, available in different languages |
| Royal Academy of Engineering | RAF 100: Aiming for Awesome | https://www.raeng.org.uk/education/schools/teaching-and-learning-resources/raf100 | 10 free STEM based projects - each covers a ten year period in the history of the RAF |
| Tomorrow’s Engineers | Free resources and information on careers in engineering and science | https://www.tomorrowsengineers.org.uk/ | Powerpoints about careers in engineering, posters of 100 jobs in science.  Comprehensive engineering careers resource pack:  https://www.tomorrowsengineers.org.uk/media/75893/resource-pack-careers-resource-pack.pdf |
| This is engineering | Videos exploring careers in engineering | https://www.thisisengineering.org.uk/ | A great place to find out facts about careers in engineering |
| Engineering UK | Research – gender disparity in Engineering | https://www.engineeringuk.com/research/interactive-dashboards/ | Research shows how not enough girls are not choosing to study STEM related subjects from secondary onwards |

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| **General Careers Resources** | iCould  Careers Site | This website has lots of videos to explain a wide range of careers, really useful if you have a specific career to search for. | <https://icould.com/> | Videos explaining skills needed for careers |
| My World of Work  Careers Site | This is a Scottish website, with free resources. Free to register which also gives access to interactive ‘tools’ | <https://www.myworldofwork.co.uk/partner-resources> | Resourced lesson plans with PowerPoints, on subjects such as ***challenging gender stereotypes***, and ***knowing your strengths***  Registering gives access to ‘strengths tool’ and ‘skills tool’ for self assessment. |
| BBC Bitesize Careers | This is a great resource, easy to find lots of careers explained through high quality videos. | <https://www.bbc.co.uk/bitesize/careers> | Find a career by subject, such as ‘Careers that use science’ |
| Employees Matter | Take your child to work day | <https://employeesmatter.co.uk/bring-your-child-to-work-day/> | Think a ‘take your child to work day’ might work at your school? Look here for some practical guidance and case studies. |
| Prospects – University of Kent | Get an insight into different job sectors | <https://www.prospects.ac.uk/> | Job sectors <https://www.prospects.ac.uk/jobs-and-work-experience/job-sectors> |
| Careers and Enterprise Company | Careers Week | https://ncw2020.co.uk/ | This pop up site has printable resources and all you need to plan your careers week |

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| **Maths** | Nat West  My money sense | Free resources, lesson plans and games to help children learn about money. | <https://natwest.mymoneysense.com/home> | Interactive activities, lesson plans, presentations and worksheets <https://natwest.mymoneysense.com/teachers/>  The change game is one of the games for children  <https://natwest.mymoneysense.com/students/students-5-8/the-change-game/> |

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| **Land Based** | The South Downs Learning Zone | Run by the South Downs National park, every school should know about this excellent resource!  **Please also be aware that the park offers a TRAVEL GRANT for schools with 10% or more pupil premium in order for them to visit the South Downs. Apply on the website.** | <http://learning.southdowns.gov.uk/resource-finder/> | An interactive map to help you find a venue on the South Downs to visit.  Curriculum overview, links and suggestions.  Lots of resources, units of study, e.g. The Arun River, or Run Your Own Farmers Market |
| National Farmers Union | Lower school science, a STEM competition and enterprise projects for upper school. | <https://education.nfuonline.com/ScienceFarm>  <https://education.nfuonline.com/Stemterprise>  <https://www.farmvention.com/> | Science Farm – science lessons for KS1  Stemterprise – real life projects linking farming with STEM  Farmvention – yearly competitions linking farming with STEM |
|  | Why Farming Matters | A free unit of study on farming for KS2 | <http://www.whyfarmingmatters.co.uk/why-farming-matters> | Download the booklet for free or order a free hard copy. Videos and pictures to accompany are on the website. |
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| **Health and Wellbeing** | NHS | Lots of resources to explore NHS careers | On this child friendly website, you will find lots of career information and videos:  <https://www.stepintothenhs.nhs.uk/> | Enter the competition:  <https://www.stepintothenhs.nhs.uk/primary-schools/KS2-competition>  There’s also:  <https://www.healthcareers.nhs.uk/working-health>  for a comprehensive website looking at careers in health and social care.  There are personality tests, videos and lots more information about careers. |
| VIA | Resources from the Institute on character | <https://www.viacharacter.org/www/> | Free Character Survey – for children over 10 to identify their strengths  <https://www.viacharacter.org/survey/surveys/takesurvey> |
| Mind Moose | To support wellbeing | <https://www.mindmoose.co.uk/> | Assembly about mental health  <https://www.mindmoose.co.uk/2017/10/08/world-mental-health-day-assembly-primary/>  Assembly about Self care:  <https://www.mindmoose.co.uk/2016/10/07/treat-yourself-like-pet-assembly/>  There are also some lesson plans on transition and guided meditations. |
| Public Health England | For health and wellbeing resources for Year 6 children | <https://campaignresources.phe.gov.uk/schools/topics/rise-above/overview?WT.mc_id=PHE_EdComs_RiseAbove_Oct2019_Subscriber_Email_SleepBanner> | Rise Above Campaign: PSHE resources covering topics such as sleep, transition to secondary school, etc. Links to CRL in terms of being ready for work. |

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| **Creative & Digital** | BBC Young Reporter | Resources on journalism including full lesson plans | <https://www.bbc.co.uk/academy/en/collections/youngreporter> | Lesson 1 What is news? With videos, worksheets etc.  <https://www.bbc.co.uk/academy/en/articles/art20171010085027586>  Lesson 2 Finding news  <https://www.bbc.co.uk/academy/en/articles/art20171017143811818>  ETC |
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| **Curriculum** | Premier League Primary Stars | A wide range of resources for skills and curriculum | https://plprimarystars.com/resources | Sign up for these free resources, including English, Maths, PE, PSHE and cross-curricular lessons. |
| Endeavour from Kew Gardens | Free Key Stage 2 resources linked to English, Science and transferrable skills. | https://stories.kew.org/endeavour/#group-what-is-endeavour-b4K1aY9zRX | Kew also run a yearly science festival: https://www.kew.org/science/engage/get-involved/science-festival |