INSPIRING WORCESTERSHIRE

CAREERS ACTIVITIES LINKED TO KEY INDUSTRY SECTORS

AGRICULTURE CAREERS ACTIVITY (KS3)

Whether you know exactly what job you want to do and how to get there, or whether you aren't sure just yet, researching the job roles within different industry sectors will help you to expand your knowledge and help you understand the learning pathways, skills and qualifications which potential employers may be looking for from young people entering their industry sector.

During this activity you will be able to explore these different job roles, begin to look in more detail at specific job roles and then use labour market information to understand what type of employers you could end up working for.

As part of this series of careers activities you will be given the opportunity to explore the many careers that may be open to you should you wish to take up a role within the Agriculture industry sector.

SECTION 1
WHAT IS AGRICULTURE?

Let's start by understanding exactly what is meant by Agriculture and how the industry has changed over the years. We will also explore the different job roles that are within this industry sector.

Click here to watch this short video to take a very brief look at how the industry has changed over the years.

You should be able to watch this video on your mobile phone or on your computer.

Having watched the video can you list 5 x different ways in which the industry has changed over the years?

Description of changes to the Agriculture Industry

1	
2	
3	
4	
5	

Worcestershire Local Enterprise Partnership

THE CAREERS & ENTERPRISE COMPANY

Before we begin to look at the different types of jobs available within the Agriculture industry let us look at the different types of Agriculture in the UK.

Click on the link below to explore the 3 x main **types of Agriculture** in the UK.

Now you have explored the of agriculture here in the UK can you give a brief summary of the 3 x Main types of agriculture used here in the UK?

Write your description in the boxes below. Make sure you add a heading for each type.

Description of Agriculture Type

1

2

3

Watch this short video to get a better idea of a few of the job roles which you could undertake should you wish to join the Agriculture industry sector.

Can you list below 10 different types of job roles within the Agriculture Industry?

Please don't focus just on the roles featured within the video try and research some more by exploring the internet.

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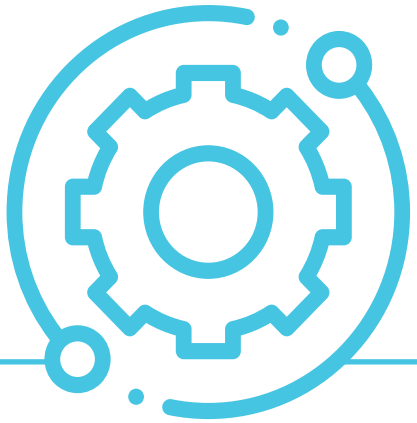
SECTION 2
ROUTES INTO AGRICULTURE

Visit this web page to help you understand the different entry routes you could take to join the AGRICULTURE sector.

Lets us explore these routes in more details.



THE TECHNICAL ROUTE

Known as Tech levels or T-levels, these include qualifications such as BTECs and NVQs in engineering, ICT, Agriculture & the built environment.

Vocational courses prepare you for a particular job, industry or sector. They are often very practical and may include coursework assignments related to real-work scenarios, as well as links with employers. Vocational courses are offered at different levels and can lead onto apprenticeships, higher education (university) and employment

T-Levels in Agriculture, Land Management and Production are due to be introduced by colleges and training providers across the UK from September 2023.

Even though T-Level courses relating to the Agriculture Industry are not yet available please research and provide your answers in the Free Text Boxes below.

1. Using the internet can you research and list 5 x job roles which you think might suit the TECHNICAL Entry route?

2. What do you think are the benefits of choosing the TECHNICAL ROUTE into Agriculture?

THE APPRENTICESHIP ROUTE

Apprenticeships allow you to earn money, combining on-the-job training with study. They can open doors to a wide variety of Agriculture jobs and can be taken at different levels, including intermediate, higher and degree apprenticeships.

You will generally need a minimum of five GCSEs (or equivalent) including English, maths and science or technology subjects, often at grades 9 to 4 (A* to C) due to competition for places.

Research and answer the following questions about the APPRENTICESHIP route into Agriculture.

1. Visit **this Website** to explore the options open to you if you choose to follow the Apprenticeship route.

2. Using the internet can you research and list some companies in Worcestershire that offer Agriculture Apprenticeships?

3. What do you think are the benefits of choosing the APPRENTICESHIP ROUTE into Agriculture?

THE UNIVERSITY ROUTE



After completing your A-Levels, T-levels, IB, Highers, BTEC Level 3 or equivalent, you may decide to go on to study a subject relating to Agriculture at university.

Students would usually complete a university course over a period of three to four years. Depending on the subject, these courses combine coursework, exams and practical learning also. It is possible to study your degree part time and in your private time. Students would normally focus on one course which would support their entry into a specific job role.

You normally need to have studied maths, English and Science or a related vocational course to Level 3, in order to apply to Agriculture degrees at university

Research and answer the following questions about the UNIVERSITY route into Agriculture.

1. Using **this website** you explore and list the different Agriculture courses you could study at University?

2. Can you list 5 x job roles which you could undertake once you have completed an Agriculture related degree at university?

1
2
3
4
5

3. Using the internet can you research and list some local, regional and nationally based universities where you could study Agriculture related degrees?

SECTION 2
EXPLORING JOB PROFILES

To help you understand and obtain more information about a variety of these job roles you can begin to explore their "Job Profiles".

A job profile should give you key information about the role including entry routes, qualifications, potential earnings and the tasks the job involves.

Using this link can you explore the following **JOB PROFILES** and then answer these questions for each of the job roles?



FARM MANAGER

1. How many hours per week would you expect to work as a FARM MANAGER?

2. Can you name the qualifications which might help you become a FARM MANAGER?

3. What would the starting salary be for a fully qualified FARM MANAGER be?

4. What "Work Experience" could you undertake before looking to become a FARM MANAGER?

5. Can you write a paragraph about the tasks you might be required to undertake as a FARM MANAGER?

Why not watch this short video about George Palmer who is an Assistant FARM MANAGER and works for Northfield Farms?

SOIL SCIENTIST

1. How many hours per week would you expect to work as a SOIL SCIENTIST?

2. Can you name the qualifications which might help you become a SOIL SCIENTIST?

3. What would the starting salary be for a fully qualified SOIL SCIENTIST?

4. Can you write a paragraph about the tasks you might be required to undertake as a SOIL SCIENTIST?

5. Can you list 3 x employers in Worcestershire where you could be employed as a SOIL SCIENTIST?

Why not watch this short video about other careers in Agriculture which use Science?

VETERINARY SURGEON

1. How many hours per week would you expect to work as a VETERINARY SURGEON?

2. Can you name the qualifications which might help you become a VETERINARY SURGEON?

3. What would the starting salary be for a qualified VETERINARY SURGEON?

4. Can you write a paragraph about the tasks you might be required to undertake as a VETERINARY SURGEON?

5. Can you list 3 x employers in Worcestershire where you could be employed as a VETERINARY SURGEON?

Why not watch this short video about Laura who is a Large Animal Veterinarian?