

# Heart of the South West Your Introduction to LMI

## Guidance Notes

The purpose of this resource is to ensure that students have understood what Life Sciences Skills are and what future careers in the sector are available to them.



To begin with, students should watch the 'Life Sciences Skills Explained' animation (we recommend watching this more than once).

Next, and to make sure students understood the animation, they should answer the following questions:

**? Life Sciences are the study of what?**

*Living organisms.*

**? What essential fields does the Life Sciences sector contribute to?**

*Medicine, Healthcare, Medical Engineering, Animal Care.*

**? What fields are considered part of Life Sciences?  
Name at least three.**

*Botany, Zoology, Biology, Microbiology, Physiology, Biochemistry.*

**? How many Life Sciences companies were in the UK as of 2021?**

*8,000.*





**What types of apprenticeships are available in the field?  
Name at least four.**

*Ecologist, Zoologist, Dental Technician,  
Laboratory Scientist, Food Technologist,  
Environmental Health Practitioner,  
Research Scientist, Sports Therapist.*



**What general skills do most professionals working in the sector have?**

*Analytical thinking, creative thinking,  
being able to make confident decisions,  
manage data, solve problems.*

## Optional next step

As an optional extension task, students are asked to carry out their own research. They will need access to the Internet for this.

Using the list of Life Sciences careers provided below, students will be asked to find out a bit more about them, including what skills and education/accreditation they require.

Students are only required to pick ONE of the careers listed.

They are then asked to answer the following three questions:

- What are the main tasks this job requires you to perform?
- What accreditations or education are needed to enter this career path?
- What are the main skills this job requires you to have?

## Life Sciences careers to research:

**Dental Technician**

**Sports Therapist**

**Research Scientist**

**Environmental Health Practitioner**

**Zoologist**

**Food Technologist**

