Task 2

Developing your project question

To be completed by the **STEM Leader**.

This task links to **LO 2**, **PC 2.1**, **2.2**, **2.3** and **2.4.** It should be completed during or after activity sessions **3** and **4.**

The STEM Leader Programme at SCQF Level 7 asks learners to carry out a research question in a chosen area of STEM. In doing so, STEM Leaders create and answer a project question linked to the UN Sustainable Development Goals (SDGs) and Learning for Sustainability (LfS) themes.

Research and complete the table below to discover more about the SDGs.

PC 2.1

What are the UN Sustainable Development Goals and why are they important?
The United Nations Sustainable Development Goals (SDGs) are a set of 17 interconnected global goals designed to be a "blueprint to achieve a better and more sustainable future for all. The SDGs address a range of global challenges, including poverty, inequality, climate change, environmental degradation, peace, and justice and are really there to help make the world a better place. The SDGs are crucial for ensuring that we work towards a sustainable future where economic growth, social inclusion, and environmental protection are . They give us a shared vision and agenda for all countries to work together towards a more equitable and sustainable world. In my own centre, we have been taught how SDGs and learning for sustainability are linked together.

Describe **two UN Sustainable Development Goals** that relate to each of the following contexts:	
Society (people)	3. Good Health and Well-being; 4. Quality education
Environment (planet)	12. Responsible consumption and production; 14. Life below water
Economy (prosperity)	9. Industry, innovation and infrastructure; 8. Decent work and economic growth

Before entering your draft project question below, you should take time to learn what makes a quality project/research question, and the format in which it should be written.

PC 2.2

My draft project question:
How do we reduce animal cruelty and neglect in Scotland's farming sector?

Task 2 (continued)

Developing your project question

To be completed by the **STEM Leader**.

In the table below, identify at least one UN Sustainable Development Goal that links to your project question:

PC 2.3

SDG number	Title	Relevant targets	How this SDG/target links to your project question	Other related and relevant SDGs
SDG 12	SDG 12: Responsible Consumption and Production	Target 12.2: Achieve the sustainable management and efficient use of natural resources.	I believe that the sustainable, but also moral and ethical requirements of this SDG, should encourage faming to be carried out differently/better to reduce the harm to other living things that we consume. Also, I do feel that this link is not as strong as it could be and maybe I have found a "gap" in the SDGs linked to animal welfare.	14. Life below water - marine life Although my project isn't linked to marine animals, I feel it has the same values.

PC 2.4

Identify **at least** one Learning for Sustainability (LfS) theme(s) that links to your project question and justify your choice.

LfS theme:	Contact with nature; ethos;
Justification:	I believe this links to the project question as I will be investigating how safely and respectfully we connect with nature via our relationship with farm animals. Ethos of course is linked as this is a moral and ethical project I am carrying out.