

Learning Intentions: I can....				Information Textbook Page/Chapter	Task/ Questions Textbook Page
Explain the use of different types of chemicals in agriculture and their alternatives and can evaluate their potential impact on the world's food production. SCN 3-03a				PowerPoint on Food Production. Websites listed in task below.	Research one of the agricultural methods listed in the task below and its impact on food production.

Task instructions

1. View the PowerPoint – Food Production.
2. Choose **ONE** of the **following agricultural methods** to research:
 - **Chemical fertilisers**
 - **Chemical pesticides**
 - **Battery farming**
 - **Organic farming**
 - **Biological control**
3. Your research should cover the following points:
 - What is the world population today?
 - What was the world's population in 1950?
 - 3 reasons why the human population is growing so rapidly.
 - A description of your chosen agricultural method.
 - An explanation of the impact of this method on food production.
 - One advantage of this method of farming.
 - One disadvantage of this method of farming.

Useful websites;

Google>bitesize>fertilisers and crop yield

Google>bitesize>pesticides and herbicides

Google>bitesize>farming methods

<http://www.everythingconnects.org/intensive-farming.html>

<https://www.theguardian.com/environment/2017/jul/17/uk-has-nearly-800-livestock-mega-farms-investigation-reveals>

<https://www.theguardian.com/environment/2016/apr/24/real-cost-of-roast-chicken-animal-welfare-farms>

http://encyclopedia.kids.net.au/page/bi/Biological_pest_control

<http://www.dailymail.co.uk/news/article-124834/Battery-hens-banned.html>

<http://www.bbc.co.uk/news/uk-16540769>

4. Record and send your research in one of the following ways:

- Word process and email it to your teacher.
- In your jotter then take a picture of your jotter pages and email to your teacher as an attachment.
- In your jotter, then take a picture of your jotter pages and send to your teacher via Satchel One.