



FOOD AND TECHNOLOGY

Welcome to the Food and Technology Super Curriculum. Below you'll find a whole host of things to do to stretch yourself beyond the classroom curriculum.

Use the following resources to enhance your understanding of the creative approaches found in Food and Technology. In Years 7, 8 and 9, this is also your optional home learning.

READ

FOOD: One of the UK's "most technically advanced" indoor farms has opened in Gloucestershire. Explore how farming vegetables in the UK is evolving to meet demand and reduce space and cost:

[Gloucestershire vertical farm is one of UK's 'most advanced'](#) - BBC News

TECHNOLOGY: Flower Power - Bioluminescent houseplants are now a thing! In a press release, the synthetic biology startup Light Bio announced that its bioluminescent offering, dubbed *Firefly Petunias*, are now available for preorder in the US:

[You Can Now Buy Gene-Hacked Houseplants That Glow in the Dark](#) - msn.com

WATCH

FOOD: Explore how food gets from farm to fork and the processes involved:

[Farm to Fork: Primary and Secondary Processing](#) - clickview.net

TECHNOLOGY: Scientists are applying their study of the natural world to the development of exciting new innovations:

[GCSE Design and Technology: Introduction to Biomimetics - Inspiration from nature](#) - BBC Teach

LISTEN

FOOD: Listen to this discussion on locally sourced food and think about the benefits and issues:

[The Food Programme: Locally Sourced Food](#) - BBC Sounds

TECHNOLOGY: Biomimicry is the practice of learning from and replicating nature's forms, processes, and ecosystems to help solve some of the world's most complex design challenges. By looking to the natural world and its extensive database of evolutionary solutions, we can improve the way we engineer everything from skyscrapers to solar panels:

[Create the Future, Biomimicry: Nature-Inspired Engineering](#) - podcasts.apple.com

DO

FOOD: Create a campaign that champions the use of local and seasonal food and explore the advantages and disadvantages in terms of farming, consuming, cost and sustainability.

TECHNOLOGY: Can you invent your own product inspired by nature? Here are some examples of biomimicry:

[Here's 7 brilliant examples of biomimicry and nature-inspired design](#) - digitaltrends.com

Send your ideas to dstokes@southdartmoor.devon.sch.uk