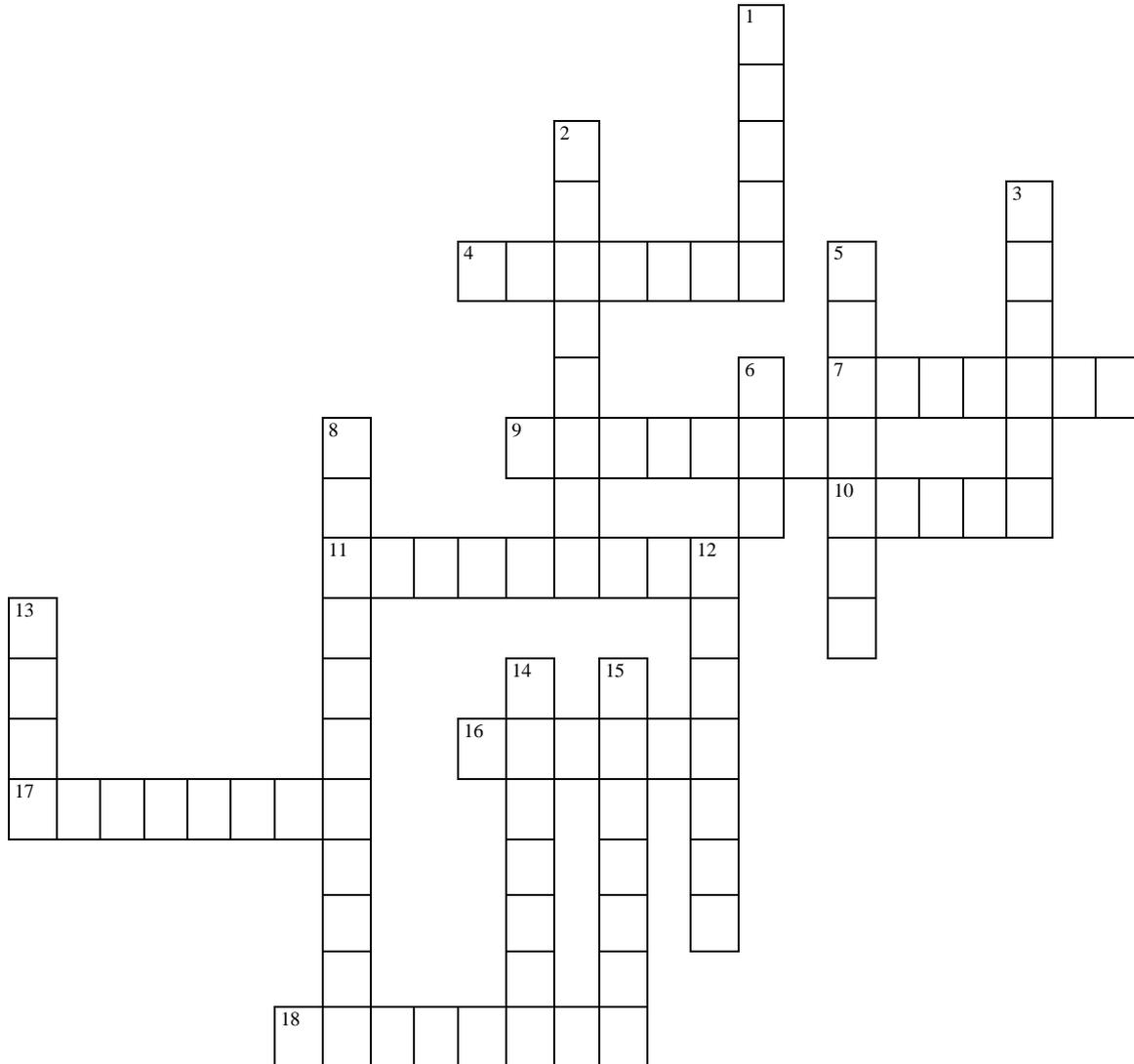


Bio-Economy Crossword KS3-4



Across

- 4. Re-use of an item that might otherwise be waste
- 7. A compound containing carbon
- 9. Anything that is alive
- 10. Plants living in water that can either be very small or very big
- 11. A resource which can be replaced naturally
- 16. Work out a plan for
- 17. A place where rubbish is dumped
- 18. An industrial building that purifies a mixed raw material

Down

- 1. Left over stuff that has no use
- 2. Minute single-celled organisms that can break down organic matter
- 3. A fruit of the same colour
- 5. The total mass of biological material
- 6. Relating to things biological
- 8. The business of growing food on land
- 12. A system in which things are bought and sold in a country
- 13. Chemical energy store such as coal, oil and gas
- 14. Greenhouse gas produced from landfills
- 15. The study of life

Bio-Economy Crossword KS3-4

Answers

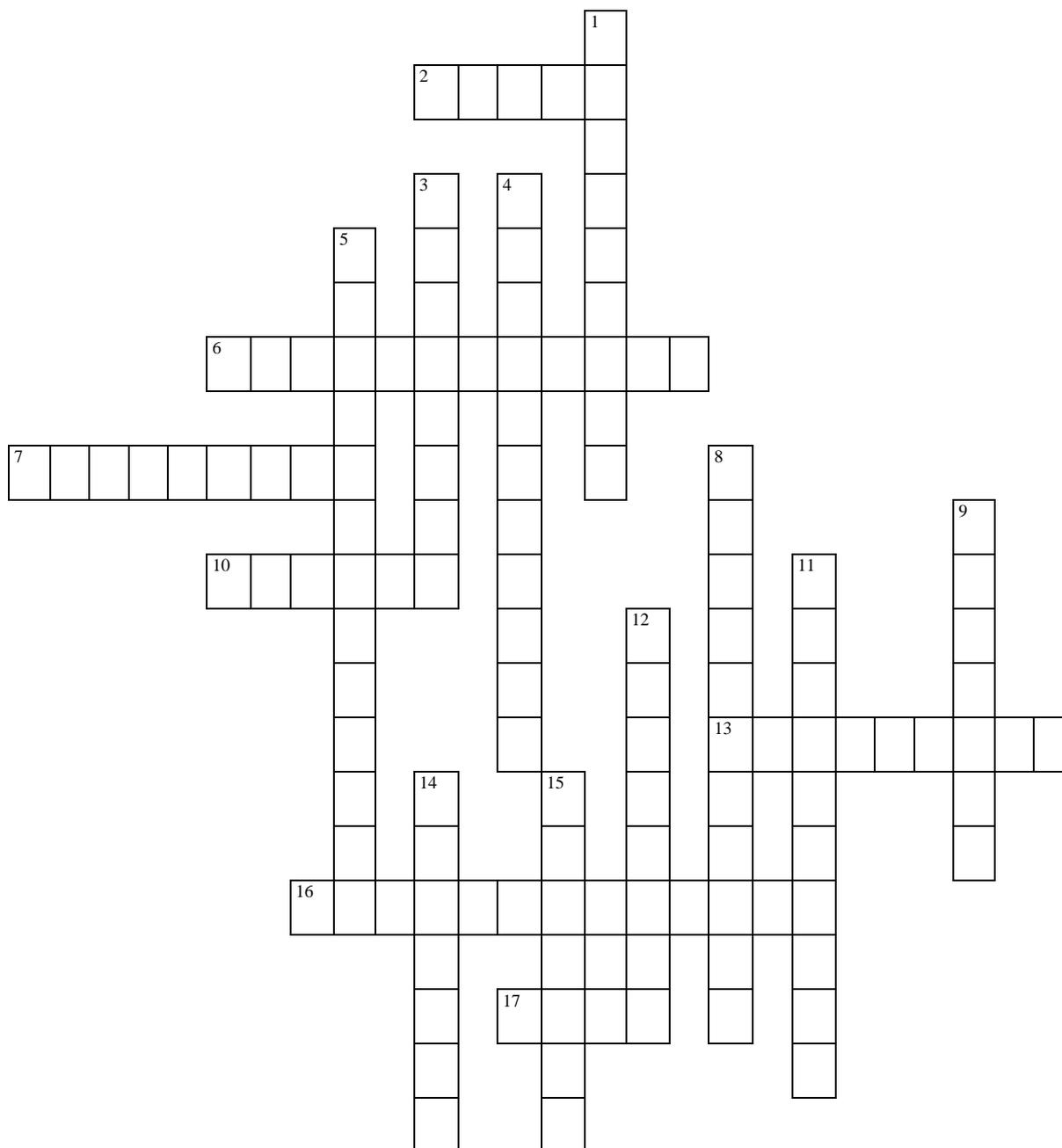
Across

4. Re-use of an item that might otherwise be waste - **RECYCLE**
7. A compound containing carbon - **ORGANIC**
9. Anything that is alive - **ORGANISM**
10. Plants living in water that can either be very small or very big - **ALGAE**
11. A resource which can be replaced naturally - **RENEWABLE**
16. Work out a plan for - **DESIGN**
17. A place where rubbish is dumped - **LANDFILL**
18. An industrial building that purifies a mixed raw material - **REFINERY**

Down

1. Left over stuff that has no use - **WASTE**
2. Minute single-celled organisms that can break down organic matter - **BACTERIA**
3. A fruit of the same colour - **ORANGE**
5. The total mass of biological material - **BIOMASS**
6. Relating to things biological - **BIO**
8. The business of growing food on land - **AGRICULTURE**
12. A system in which things are bought and sold in a country - **ECONOMY**
13. Chemical energy store such as coal, oil and gas - **FUEL**
14. Greenhouse gas produced from landfills - **METHANE**
15. The study of life - **BIOLOGY**

Bioeconomy crossword – KS5



Across

- 2. Unwanted material arising from a process
- 6. The act of making money from low value material
- 7. A resource that can be replaced naturally
- 10. Glucose molecules arranged in a long chain, stored by plants
- 13. Raw material suppling an industrial process

Down

- 1. The process of converting waste materials into new materials and objects
- 3. Technology used in agriculture, horticulture, and aquaculture to improve yield, efficiency, and profitability
- 4. A system for growing plants or animals in water
- 5. Capable of being broken down by bacteria and fungi

- 16.** The process in which organic material is broken down
- 17.** Chemical energy store that can easily be used to release energy quickly and efficiently
- 8.** Refining of biologically sourced materials
- 9.** The study of life
- 11.** The production of renewable biological resources and their conversion into fuel, animal feed, food, chemicals and other materials
- 12.** An area used for the disposal of rubbish on land
- 14.** The mass of biological material in a given environment
- 15.** Fuel resource produced from the processing of biomass

Bioeconomy crossword – KS5

Answers

Across

2. Unwanted material arising from a process - **WASTE**
6. The act of making money from low value material - **VALORISATION**
7. A resource that can be replaced naturally - **RENEWABLE**
10. Glucose molecules arranged in a long chain, stored by plants - **STARCH**
13. Raw material suppling an industrial process - **FEEDSTOCK**
16. The process in which organic material is broken down - **DECOMPOSITION**
17. Chemical energy store that can easily be used to release energy quickly and efficiently - **FUEL**

Down

1. The process of converting waste materials into new materials and objects - **RECYCLING**
3. Technology used in agriculture, horticulture, and aquaculture to improve yield, efficiency, and profitability - **AGRITECH**
4. A system for growing plants or animals in water - **AQUACULTURE**
5. Capable of being broken down by bacteria and fungi - **BIODEGRADABLE**
8. Refining of biologically sourced materials - **BIOREFINING**
9. The study of life - **BIOLOGY**
11. The production of renewable biological resources and their conversion into fuel, animal feed, food, chemicals and other materials - **BIOECONOMY**
12. An area used for the disposal of rubbish on land - **LANDFILL**
14. The mass of biological material in a given environment - **BIOMASS**
15. Fuel resource produced from the processing of biomass - **BIOFUEL**