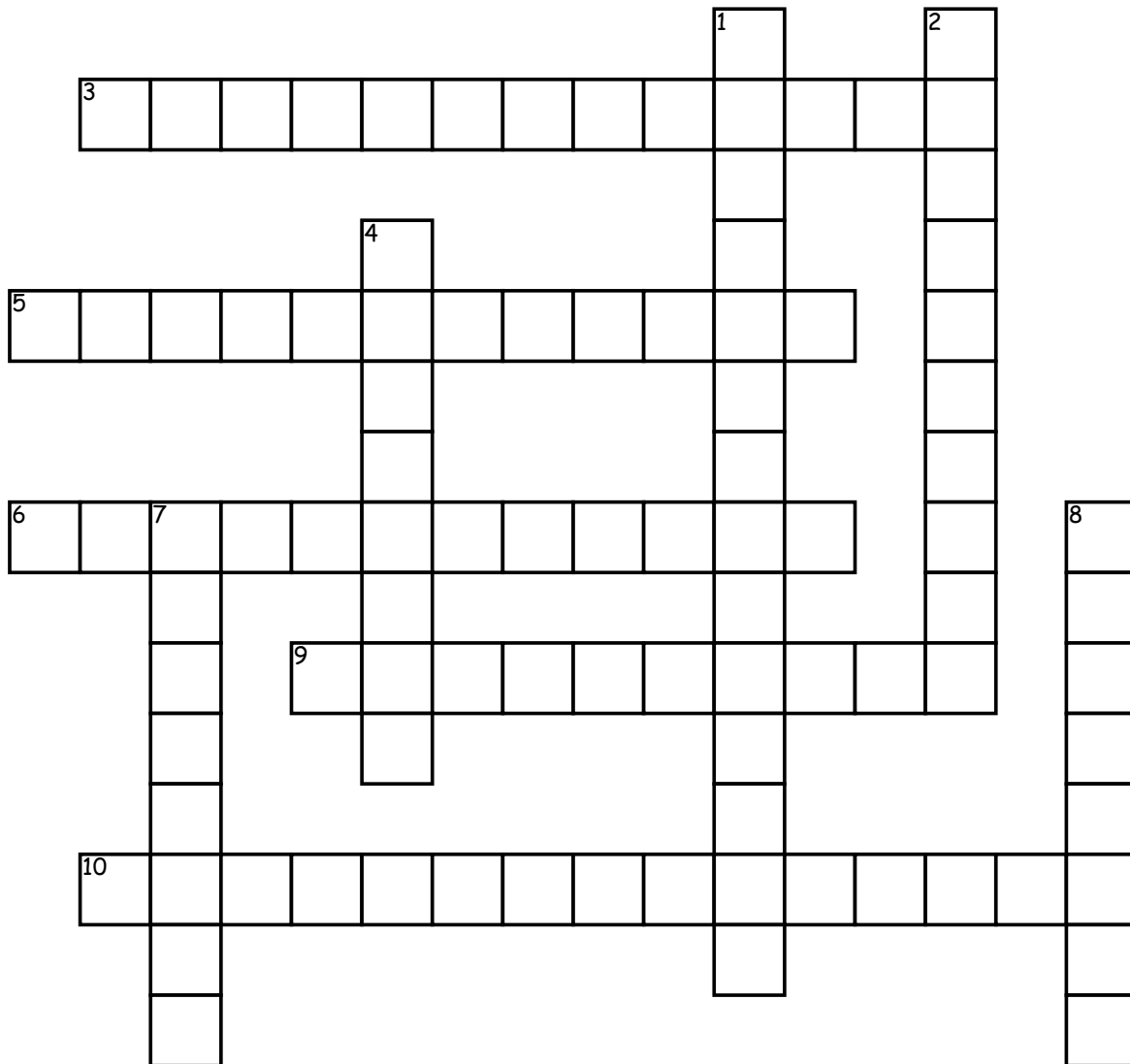


Name: _____ Date: _____ Period: _____

Engineering



Across

3. engineers work in the construction, planning, and design phase of projects. In conjunction with other team members, the focus is on building structure and interior design

5. study of science and engineering to improve our environment. This includes the air we breathe, food we consume, and water

6. industry to assist with area of farming including: soil conservation and salinity, ground preparation, irrigation, farm machinery design and production

9. the branch of engineering dealing with the design, construction, and use of machines.

10. subset of Electrical Engineering with a focus on the word 'Micro'.

Down

1. engineering takes into account the three major areas of sustainability: environmental impact, social and economic considerations

2. engineering that generally deals with the study and application of electricity, electronics, and electromagnetism.

4. sciences and electrical engineering. Successful graduates may find themselves in Telecommunications, Networking, Software Application Development, or Manufacturing.

7. engineers will typically design robotic technology and develop maintenance systems to help achieve optimal efficiency. this is an area with expected growth of up to 15% in the next five years.

8. and life sciences (microbiology and biochemistry) together with applied mathematics and economics to produce, transform, transport, and properly use chemicals, materials and energy.