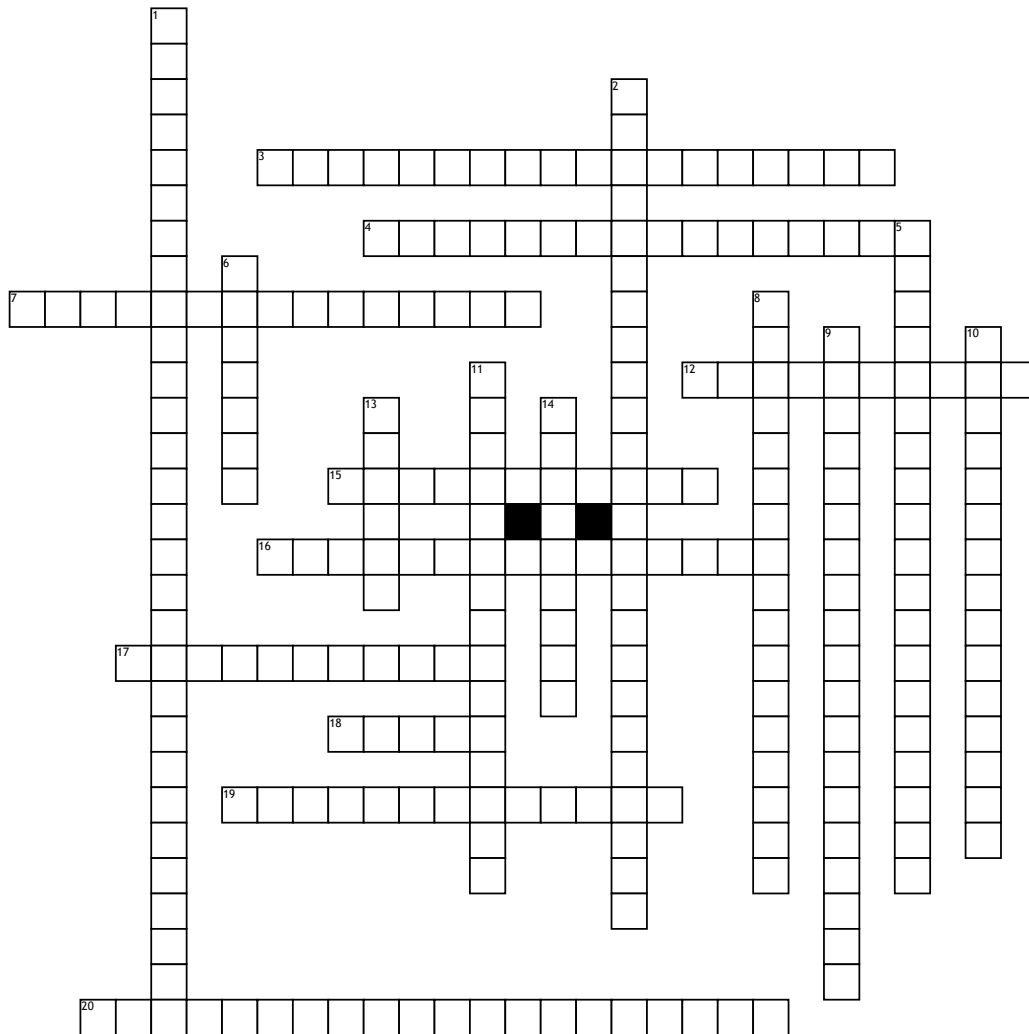


Menu Activity 5 Science



Across

- 3. What is the fourth and final step to implementing discrepant events in the article?
- 4. What should the students do in the first step?
- 7. What is the third step within the article for an effective discrepant event?
- 12. An event or outcome that is naturally occurring but can be surprising to the viewers.
- 15. What does the article compare discrepant events to?
- 16. The items that students are to learn within the grade. Discrepant events aid in the understanding of these.
- 17. This has a "negative effect" on the learners because it causes them not to want to continue.

Word Bank

- Frustration
- Magic Tricks
- Phenomenon
- Make Observations
- "Demonstrate the Discrepant Event"
- "Seeing is Believing"
- False

- 18. True or False: The teacher should give the students the science concept in the second phase.
- 19. Incorrect thoughts or ideas about a topic that others may believe as well.
- 20. What is the "goal" of the educator's when employing the first step?

Down

- 1. What is the first step the article gives for a successful discrepant event?
- 2. What can discrepant events be tied to allow them to be most effective?
- 5. What is the second step the article gives?
- 6. Allowing questioning and processes of figuring out what is taking place allows for what in the classroom to take place?

- Piaget
- Inquiry
- Curiosity
- Cognitive Dissonance
- Discrepant Event
- The Learning Cycle Approach
- Get student's attention

- 8. Why are discrepant events good for students?
- 9. It encourages learning and understanding when the understanding of someone is insufficient to explain what is happening.
- 10. A discrepant event will give students this type of example of some phenomenon.
- 11. An item a teacher uses to engage students by using a phenomenon with unexpected outcomes.
- 13. What famous psychologists work is often tied to the "science learning cycle"?
- 14. This helps students learn by engaging their natural senses to learn.

- Students investigate
- Misconception
- Concrete example
- Science Concepts
- "Expand on the concept"
- "Explain the Event"