Teacher Directions

UNIT: EBOLA LESSON 1: ACTIVATING ANTIBODY WARRIORS TO FIGHT THE EBOLA VIRUS! **ACTIVITY 1C:** EBOVocabulary PUZZLE...CAN YOU SOLVE IT?





After students have read the article "Activating Antibody Warriors to Fight the Ebola Virus!" (annotated in Activity 1B), students can use their knowledge of key vocabulary terms to complete a 3x3 vocabulary puzzle. Students may work with a partner/group to complete the 3x3 puzzle by finding matching vocabulary terms and definitions. There will be extra terms and definitions along the edges so they must find the correct match to complete the puzzle square. There is only one correct way to match the pieces! The numbers have nothing to do with the puzzle itself but are there as an easy check.

*Note: Student directions are on half sheets. Each student or group needs a half sheet.

Materials Needed:

- > Ziploc baggie of individual puzzle cards
- > Transformed article

Directions

Students will analyze graphs representing the effects of antibody dosage treatments for Ebola virus.

- 1. Laminate puzzle or print on cardstock paper. Print as many puzzles as needed. We recommend a class set.
- Cut out individual puzzle cards and place in Ziploc bags.
 TIP: Label the back of each card and the Ziploc bag with the same letter to help keep track of individual puzzle cards.

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Vocabulary Terms Used in Puzzle Activity

- 1. Ebola Virus
- 2. Efficacy
- 3. Antigen
- 4. Antibody
- 5. In Vivo
- 6. In Vitro
- 7. Glycoprotein
- 8. Epitopes
- 9. RNA
- 10. Viral Load
- 11. Immune System
- 12. Infection

** Placebo is on a card but does not have a matching definition in the puzzle.

