

ALL ABOUT Steve Wozniak



BY PAUL FREIBERGER
AND MICHAEL SWAINE

ILLUSTRATIONS BY
AMBER CALDERON

Teacher's Guide

Including Common Core Standards, Sample Questions, and Activities

All About Steve Wozniak

Common Core Literacy Scaffolding Questions

Developed by: Chris Edwards, Ed.D

Note to teachers and parents: The standards listed here are taken from the Common Core Standards: *Grades 6-12, Literacy in History/Social Studies, Science, & Technical Subjects* from the subset standards for grades 6 – 8. The standards listed here are 6-8.1 – 6-8.10. These Common Core Standards can be viewed in greater detail at this website:

<http://www.corestandards.org/ELA-Literacy/RH/6-8/>

Some states have decided not to adopt the Common Core standards, but the new state standards are uniformly similar. Teachers who choose to use these questions in a state that has not adopted Common Core standards are encouraged to apply their own state standards to these questions. Teachers who choose to use these questions for grades other than 6 – 8 can find all of the Common Core standards at: <http://www.corestandards.org/ELA-Literacy/>.

Teachers, please note that these questions are designed only to provide a very basic literacy scaffold and to provide examples. There is plenty of room for you to add your creativity and use your expertise to develop “why” questions and to help students make connections to other texts.

The questions below should be answered using a complete sentence and with textual evidence from the reading. The questions for the Preface are answered as examples.

Preface

1. What are some things that Steve Wozniak has done that proves he’s not an “electronic hermit.”

Sample Answer: Steve Wozniak is not an electronics hermit because he “was on Dancing With the Stars.”

2. Whose name is usually associated with the Apple Computer company?

Sample Answer: When people hear the story of the Apple Computer Company “They usually think of Steve Jobs.”

Chapter One

Standards: CCSS.ELA-Literacy.RH.6-8.1, CCSS.ELA-Literacy.RH.6-8.3, CCSS.ELA-Literacy.RH.6-8.5

1. Give one example of what Steve Wozniak’s (Woz’s) hometown in California was like during his childhood.
2. Give one example of how Woz’s father influenced Woz as a kid.
3. What was Woz’s first electronics project?

Chapter Two

Standards: CCSS.ELA-Literacy.RH.6-8.1, CCSS.ELA-Literacy.RH.6-8.4

1. How did Woz and the Electronic Kids keep their communications network secret?
2. What was Woz’s sixth grade science project?
3. Why didn’t Woz win the 8th grade science fair?

Chapter Three

Standards: CCSS.ELA-Literacy.RH.6-8.1, CCSS.ELA-Literacy.RH.6-8.3, CCSS.ELA-Literacy.RH.6-8.4.

1. What changed about Woz’s social life when he was in the 6th grade?
2. Give an example of a prank that Woz pulled as a way of trying to connect with other people?
3. Why did Woz design computers on paper instead of just building them?

Chapter Four

Standards: CCSS.ELA-Literacy.RH.6-8.1, CCSS.ELA-Literacy.RH.6-8.3, CCSS.ELA-Literacy.RH.6-8.5

1. Why was the first computer that Woz built called the Cream Soda Computer?
2. Give one detail about the Cream Soda Computer.
3. Why did Woz and Steve Jobs get along so well right from the beginning?

Chapter Five

Standards: CCSS.ELA-Literacy.RH.6-8.1, CCSS.ELA-Literacy.RH.6-8.3

1. What made Woz decide to go to Colorado for college?
2. What was the “TV Jammer?”
3. Why did Woz get into trouble at college and decide to leave?

Chapter Six

Standards: CCSS.ELA-Literacy.RH.6-8.6, CCSS.ELA-Literacy.RH.6-8.8

1. What was a “long distance” phone call during Woz’s college years?
2. Describe the purpose of the “blue box” that Woz and Steve Jobs sold.
3. What did the car crash that Woz had with his Pinto force him to do?

Chapter Seven

Standards: CCSS.ELA-Literacy.RH.6-8.1, CCSS.ELA-Literacy.RH.6-8.3

1. What did Woz work on as part of his job at Hewlett-Packard?
2. Describe the Altair Computer kit.
3. What did Steve Jobs tell Woz about the computer Woz had built?

Chapter Eight

Standards: CCSS.ELA-Literacy.RH.6-8.6, CCSS.ELA-Literacy.RH.6-8.8

1. Analyze the picture on page 65: how similar does it look compared to a modern home computer?
2. How many of Woz’s computers did Paul Terrell order and how much was he going to pay for them?
3. What role did Mike Markkula play as an Apple partner?

Chapter Nine

Standards: CCSS.ELA-Literacy.RH.6-8.1, CCSS.ELA-Literacy.RH.6-8.6

1. What did Woz manage to do with the arcade game Breakout?

2. Give one example of how Mike Markkula helped to turn Apple into a “real company.”
3. What caused Woz and Alice to get a divorce in 1980?

Chapter Ten

1. What effect did the plane crash have on Woz’s health?
2. Name one change that took place while Woz was away from Apple and recovering from the plane crash.
3. How did Steve Jobs feel about the Apple II that Woz had created?

Chapter Eleven

1. Give an example of something that Woz gave his money to help develop.
2. What inspired Woz to become an elementary school teacher?
3. In 2013, Woz gave a graduation speech. What was one of the formulas for happiness that he shared with the audience?

Text Analysis Questions

Standards: CCSS.ELA-Literacy.RH.6-8.2, CCSS.ELA-Literacy.RH.6-8.4. CCSS.ELA-Literacy.RH.6-8.9, CCSS.ELA-Literacy.RH.6-8.8

Essay: Read the following section from the Buck Institute for Education about Project Based Learning (PBL), which is something you may have encountered in your own classroom. Pick two of the bullet-pointed Essential Project Design Elements and explain how they fit some part of Steve Wozniak’s work creating computers. Use two examples from *All About Steve Wozniak* to support your answers. Your answers to the Guided Reading Scaffolds can help.

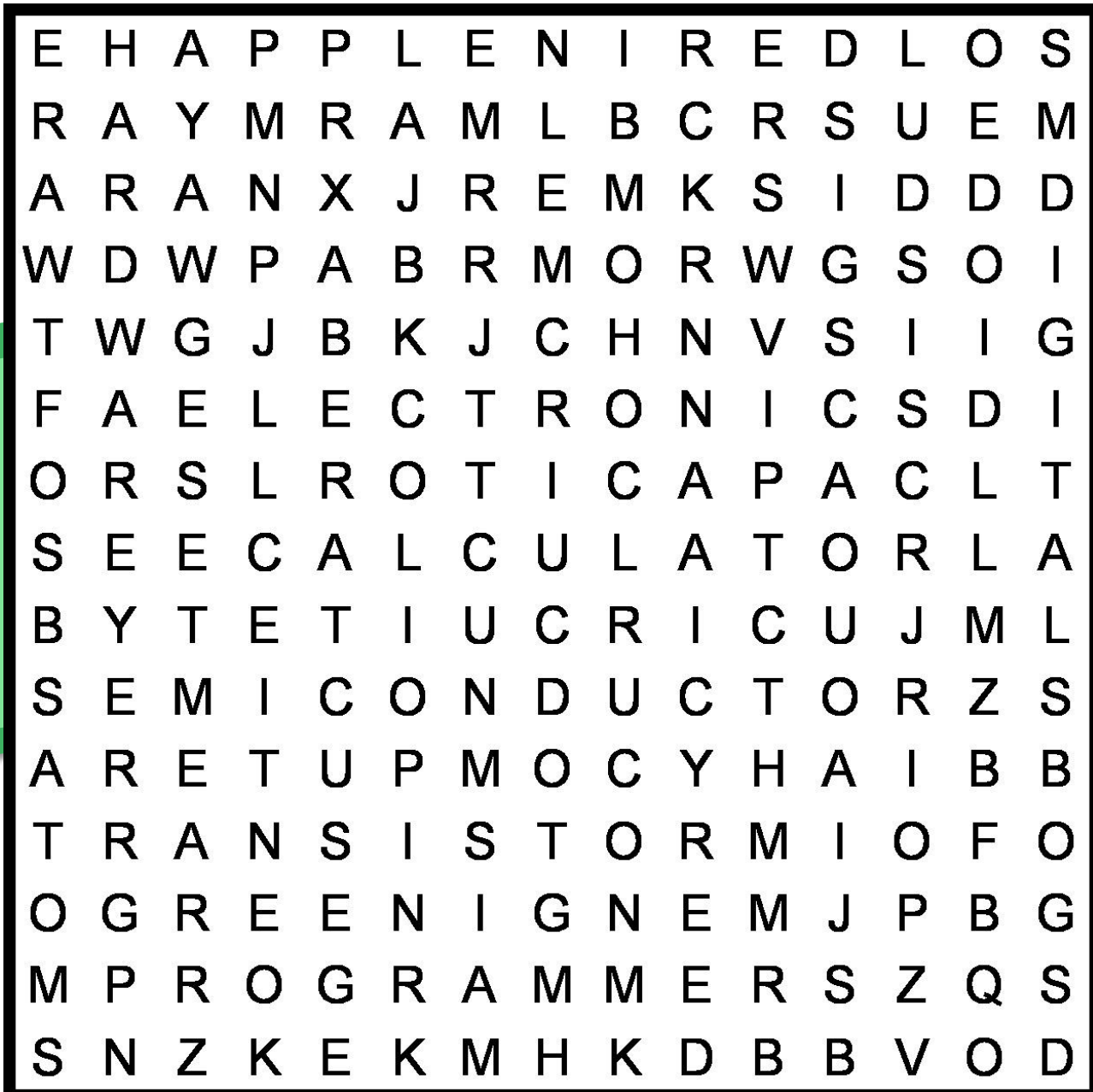
Project Based Learning is a teaching method in which students gain knowledge and skills by working for an extended period of time to investigate and respond to an authentic, engaging and complex question, problem, or challenge. In Gold Standard PBL, projects are focused on student learning goals and include Essential Project Design Elements:

- **Key Knowledge, Understanding, and Success Skills:** The project is focused on student learning goals, including standards-based content and skills such as critical thinking/problem solving, communication, collaboration, and self-management.
- **Challenging Problem or Question:** The project is framed by a meaningful problem to solve or a question to answer, at the appropriate level of challenge.

- **Sustained Inquiry:** Students engage in a rigorous, extended process of asking questions, finding resources, and applying information.
- **Authenticity:** The project features real-world context, tasks and tools, quality standards, or impact – or speaks to students’ personal concerns, interests, and issues in their lives.
- **Student Voice & Choice:** Students make some decisions about the project, including how they work and what they create.
- **Reflection:** Students and teachers reflect on learning, the effectiveness of their inquiry and project activities, the quality of student work, obstacles and how to overcome them.
- **Critique & Revision:** Students give, receive, and use feedback to improve their process and products.
- **Public Product:** Students make their project work public by explaining, displaying and/or presenting it to people beyond the classroom.

Source: https://www.bie.org/about/what_pbl

All About Steve Wozniak Word Search



APPLE

ATOMS

BERKELEY

BYTE

CALCULATOR

CAPACITOR

CHIP

CIRCUIT

COMPUTER

DIGITAL

DIODE

DISK

ELECTRONICS

ENGINEER

HARDWARE

IBM

JOBS

PROGRAMMER

RAM

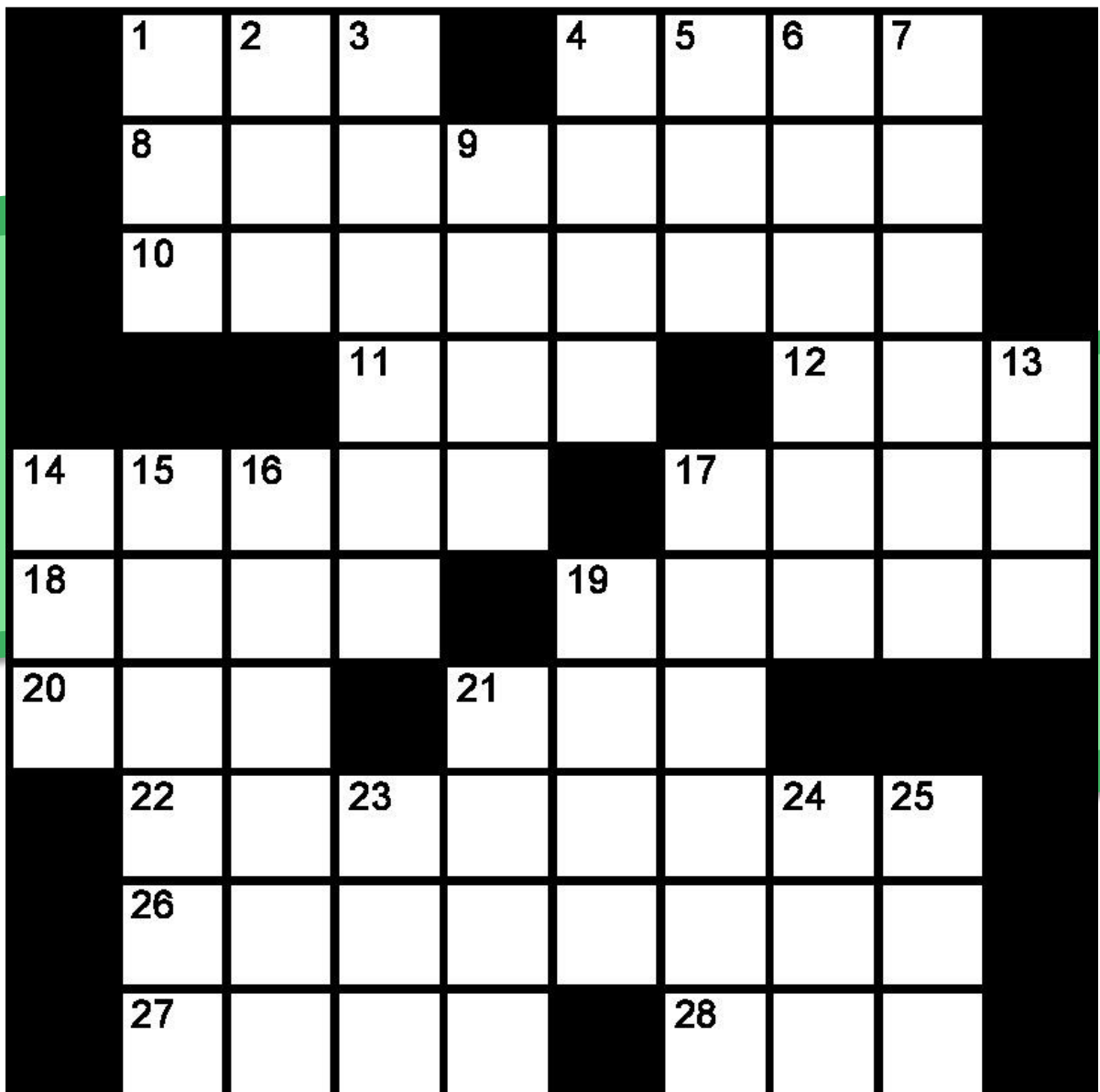
SEGWAY

SEMICONDUCTOR

SOFTWARE

SOLDER

TRANSISTOR



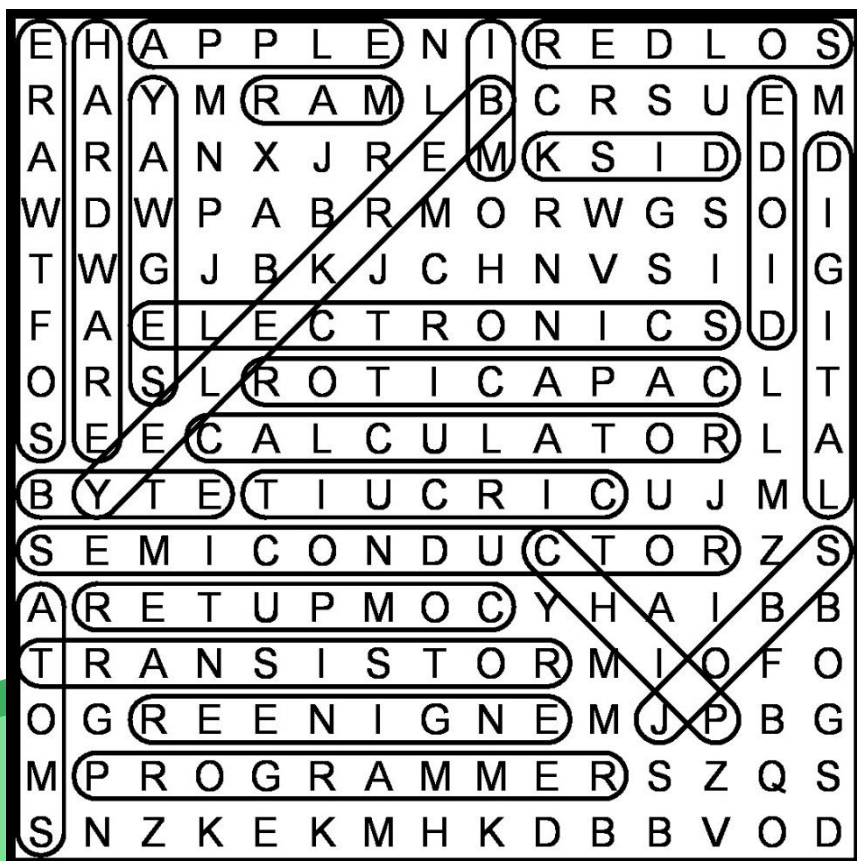
Across

1. Fight in a ring
4. Angel topper
8. Apple product
10. Apple board member
11. Ready, ___, go!
12. In the distance
14. Like some college walls
17. Software test version
18. Jeers from the crowd
19. PC dial-up device
20. Prefix with night or air
21. A billion years
22. Red cards in a deck
26. Steve Wozniak's profession
27. Antlered animal
28. Cable TV channel

All About Steve Wozniak Crossword Puzzle

Down

1. Secretly include in an email chain (Abbr.)
2. ___ and aah
3. Santa's holidays, briefly
4. Do damage to
5. Bank cash dispenser (Abbr.)
6. Flipped through a book
7. Elaborately decorated
9. The ___ Piper
13. Male sheep or type of digital memory
14. Apple competitor
15. Canceled
16. First-aid item
17. Easter hat
19. Earth orbiter
21. Mideast ruler
23. Birthday number
24. Many a 16-year-old Southern belle
25. 12th graders (Abbr.)



All About Steve Wozniak Answer Key

