

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Answer Key: Level Up or Game Over? 3rd Grade Gaming Greatness Challenge

Put down the controller and prove you know how sprites, consoles, and creative coding turn simple pixels into the massive digital worlds you love to visit.

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**1. Which of these is an example of 'hardware' that you need to play a video game?**

**Answer:** B) A game console like a Switch or PlayStation

Hardware refers to the physical objects you can touch, such as the machine or controller used to play the game.

**2. True or False: Video games can only be played by one person at a time and never involve teamwork.**

**Answer:** B) False

Many games are multiplayer, allowing friends to work together as a team to solve puzzles or win matches.

**3. The small squares of color that make up the images on a computer screen are called \_\_\_\_.**

**Answer:** B) Pixels

Pixels are the tiny dots of light that combine to form the characters and landscapes you see in a game.

**4. In a platformer game, what is the main goal of the player character?**

**Answer:** B) To jump between surfaces and avoid obstacles

Platformer games, like Super Mario Run or Rayman, focus on jumping onto platforms to reach the end of a stage.

**5. True or False: Some video games are used in schools to help students learn subjects like math or history.**

**Answer:** A) True

Educational games use fun mechanics to teach skills like multiplication or facts about the past.

**6. A \_\_\_\_ is a person who writes the code and instructions that tell a video game how to work.**

**Answer:** C) Programmer

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Programmers use special computer languages to turn ideas into playable video games.

**7. What does a 'Game Designer' do?**

**Answer:** C) They plan the rules, story, and challenges of the game

Designers are the 'architects' of the game, deciding how it will be played and what happens next.

**8. When a game has a mistake in the code that makes it act weirdly, it is called a \_\_\_\_.**

**Answer:** C) Bug

A 'bug' is an error in the computer code that causes the game to behave in ways the creators didn't intend.

**9. True or False: Professional gaming (Esports) allows people to compete in tournaments for prizes, just like traditional sports.**

**Answer:** A) True

Esports are organized competitions where skilled players face off in games while others watch.

**10. Which of these is a way to stay safe while playing games online with others?**

**Answer:** B) Use a fun username that doesn't share personal info

Using a nickname or avatar helps protect your privacy when interacting with other players online.