



Completed (40 possible)	_____
Accuracy of answers (30 possible)	_____
Appropriate grammar (15 possible)	_____
Neatness of record (15 possible)	_____
Total	_____
A = 86-100 points	
B = 71-85 points	
C = 70 points or less	

4-H Video Gaming and Computer Coding Level 3 (Grades 9-12) Record Sheet

Record for Year _____

A completed record sheet is due by the last business day of June to exhibit each project at the fair.
Use any 4-H publications, the internet, the library, or a professional to help you prepare your responses.

The Basics

Name _____ 4-H Club _____

Years in 4-H _____ Grade _____ Years in Project _____

Powering On

What is the difference between virtual reality and augmented reality? _____

Define algorithm and explain how algorithms are used in coding and game design. _____

What is artificial intelligence in gaming and how does it improve game play? _____

Name two video game or computer coding languages and put a star by the one you are most familiar with.

1. _____
2. _____

Processing

In what ways can video games or computer games be used for education? Give two examples. _____

Consider "old school" video games and computer programs. Choose one game or program and describe several details about the game or program (ie. how it was developed, the technology of the time, its popularity, etc.).

Consider your favorite video game or computer program. How do you think it will be described in 10 years when the technology is even more advanced? _____

Name three colleges or universities in which you could study computer science or video game design.

1. _____
2. _____
3. _____

Name three careers in the computer science or video game industry.

1. _____
2. _____
3. _____

Of the careers you listed above, choose one and research the following:

Career: _____

Educational Degree Required: _____

Annual salary: _____

Is there a demand for this line of work? _____

Are there any similar jobs available locally? _____

Is remote work permitted? _____

Describe the video gaming or computer coding culture. What characteristics, level of intellect, and/or personality trends do you notice?

Game Over

What is one thing you learned or sparked your interest as a result of completing this project? _____

In what way does this project apply to your life, or why is this subject matter important to you? _____
