

This handout contains information about the **Tech for Esports and Gaming Assembly**. Scan the QR code to download the **Tech for Esports and Gaming Assembly**. Scroll down the page and click on the red **Assemblies** slide tab.



Technology and Gaming

Technology is the use of science and knowledge to solve problems or invent useful tools. Games consoles have been designed and built for people to play video games on. There are lots of different games that have been invented and created by people working in tech jobs so that we can have fun playing them.

Evolution of Gaming

Developments in technology mean that gaming is changing all the time, with new and interesting games and ways to experience these video games, constantly being invented. Graphics, or pictures, in games used to be very simple but they're now really clear and much more lifelike. Virtual reality makes you feel like you're in the game by surrounding you with another world. Augmented reality allows you to look at phone or tablet, you can see what is actually in front of you and you can also see things that aren't really there.



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Careers in Technology for Creating Games

There is a whole team of people who work together to create games and design different ways for you to experience them. A game designer thinks of new ideas for games and creates prototypes then develops and tests them. A concept artist uses technology to create the first ideas of what characters and places in a game might look like. A game programmer writes code to build the game designer's ideas into a playable game. An audio engineer then creates and mixes the soundtrack for games. A quality assurance tester plays a game to test it works and helps to fix any problems. A marketing manager makes sure gamers know when a new game or feature is available to buy and uses technology to persuade them to buy it.



What Is Esports?

Esports, short for Electronic Sports, is where you play video games and compete against another person or team. Some people like to compete in esports matches or watch the matches that are live-streamed on the Internet or held in arenas. Esports is becoming more and more popular, especially with teenagers and young adults.

Careers in Technology for Esports

Technology is essential in esports, they wouldn't exist without it because all esports games are video games. An esports event manager organises tournaments and other esports events. They find locations to hold events and source the technology equipment needed. An esports observer controls the in-game camera for events when they are being live-streamed or recorded. An esports photographer takes interesting photos at esports events. An esports coach works with players, helping them to improve. A professional esports athlete or professional gamer works hard to develop their skills and compete in tournaments to win prizes. A shoutcaster talks over the game being played and describes what is happening.



The Future of Gaming and Esports

Virtual reality will continue to get better and the future may involve more than what you can see or hear. A company is working on a wristband that uses your brain signals and turns your hand into a kind of remote control.

Try This at Home

Design an advert for a new computer game. Decide on a name for your game and think about what makes your game fun and interesting. Create your advert on paper or using a computer and make it eye-catching to attract buyers.

