ESPORT CANADA

A School Guide to

ESPORTS TECHNOLOGY & EQUIPMENT

When sourcing technology for your scholastic esports program, there are a number of choices based on your program goals and budget. This guide is designed to assist in making technology and equipment purchases.

HOME-BASED PROGRAMS

Schools with limited budgets can implement their esports programs as after-school, home-based programs. In this scenario, the school would not need to purchase any equipment as students would be able to participate using their own game console from home! Considering that most of the games sponsored by Esport Canada are cross-platform and free-to-play, this is an excellent way for many schools to get started with esports.
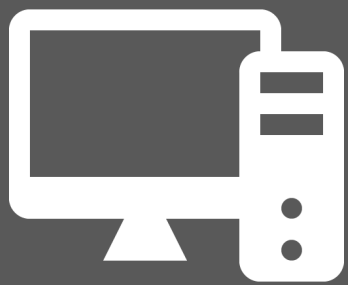
IN-SCHOOL PROGRAMS

Schools interested in running their scholastic esports programs as part of their curriculum or as an in-school club will need to purchase some equipment. While high-end esports programs make use of powerful gaming machines, there are various options available depending on a school's budget. Please see some of our recommended options on the reverse.

ESPORT CANADA

Our mission is to provide opportunities for ALL students to use esports as a platform to acquire critical communication, collaboration, and problem-solving skills needed to thrive in work and in life.

WWW.ESPORTCANADA.ORG

GAMING DESKTOPS / LAPTOPS

Ideally, scholastic esports programs will want high-end, Windows-based computers with a dedicated graphics card. While expensive, esports should also be seen as an investment in STEAM as the same devices used for esports can be used during the school day to enhance STEAM offerings for students, including 3D printing, animation, 3D game design, graphics design, broadcasting, and more. Below are three recommended options for schools looking to invest in higher-end esports technology.

RECOMMENDED SPECS

GOOD – $1500

CPU
Intel i5 or
AMD Ryzen 5

RAM
8 GB

Graphics Card
Nvidia GeForce
RTX 1080 Ti

Monitor
22" 720p 60 Hz

BETTER – $2000

CPU
Intel i7 or
AMD Ryzen 7

RAM
16 GB

Graphics Card
Nvidia GeForce
RTX 2060S

Monitor
24" 1080p 120 Hz

BEST – $2700+

CPU
Intel i9 or
AMD Ryzen 9

RAM
32 GB+

Graphics Card
Nvidia GeForce
RTX 3090

Monitor
27" 1440p 144 Hz

GAME CONSOLES & CHROMEBOOKS

Schools on a budget may want to consider getting a Nintendo Switch. At $399 per Switch, teams will be able to participate in most Esport Canada sponsored games and tournaments. More expensive options include the Xbox Series X ($599) and Playstation 5 ($629).

Chromebooks are not designed for esports but could be used as a last resort in conjunction with a cloud gaming service like GeForce Now.

EXISTING TECHNOLOGY

Schools may already have the computers they need to participate! Most computers built in the last 5 years should be able to work for esports. The games Esport Canada promotes are playable on low to mid-end computers so check your existing equipment or consider upgrading some components (e.g., graphics cards).

Have questions? Visit us at **www.esportcanada.org** or email us at **info@esportcanada.org**!

We are here to help!

ESPORT CANADA

GAME SPECIFIC SYSTEM RECOMMENDATIONS

Below are the minimum and recommended system specifications for OFSEA | FOASSE sanctioned games.

ROCKET LEAGUE

Recommended Specs

CPU
3.0 GHz+ Quad-core

RAM
8 GB

Graphics Card
Nvidia GeForce GTX 1060
AMD Radeon RX 470

Minimum Requirements

CPU
2.5 GHz Dual-core

RAM
4 GB

Graphics Card
Nvidia GeForce 760
AMD Radeon R7 270X

LEAGUE of LEGENDS

Recommended Specs

CPU
3.0 GHz Quad-core

RAM
4 GB

Graphics Card
Nvidia GeForce 560
AMD Radeon HD 6950

Minimum Requirements

CPU
2.9 GHz Dual-core

RAM
2 GB

Graphics Card
Nvidia GeForce 9600GT
AMD Radeon HD 6570

FORTNITE

Recommended Specs

CPU
3.5 GHz+ Dual-core

RAM
8 GB

Graphics Card
Nvidia GeForce GTX 960
AMD Radeon R9 280

Minimum Requirements

CPU
3.3 GHz+ Dual-core

RAM
4 GB

Graphics Card
Intel HD 4000

OVERWATCH

Recommended Specs

CPU
2.8 GHz+ Triple-core

RAM
6 GB

Graphics Card
Nvidia GeForce GTX 660
AMD Radeon HD 7950

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Minimum Requirements

CPU
2.8 GHz Triple-core

RAM
4 GB

Graphics Card
Nvidia GeForce 460
ATI Radeon HD 4850

BRAWLHALLA

Recommended Specs

CPU
3.0 GHz+ Dual-core

RAM
2 GB

Graphics Card
Intel HD 3000

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Minimum Requirements

CPU
3.0 GHz Dual-core

RAM
1 GB

Graphics Card
Intel HD 3000

KNOCKOUT CITY

Recommended Specs

CPU
3.7 GHz+ Quad-core

RAM
16 GB

Graphics Card
Nvidia GeForce GTX 970
AMD Radeon RX 480

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Minimum Requirements

CPU
3.8 GHz Dual-core

RAM
8 GB

Graphics Card
Nvidia GeForce GTX 660
AMD Radeon HD 7870