Riverside's 1:1 Technology Initiative
2021 Edition

Contents

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"There are so many options, it's so easy to be inspired" - Grade 9 Student

Who to Contact for Support

To ensure the success of our digital program, Riverside has put in place extensive infrastructure to support students and staff. Technology support is available every block in the library. Students and teachers also receive ongoing education and learning opportunities throughout the year to gain a stronger understanding of our core digital platforms. In addition, all grade 9 students take part in our Applications of Digital Literacy course. In this course, students are required to demonstrate the ability to navigate digital technologies while behaving ethically, responsibly, and protecting personal security and privacy. The school also has two IT support personnel to provide a deeper layer of technical support, and the implementation of school wide initiatives.

Tech Support:
Bryan Gee, Brenda Yorke and Susan Henderson - 132-LIF@sd43.bc.ca

COL Contacts:
Brian Barazzuol - bbarazzuol@sd43.bc.ca
Sean Robinson - serobinson@sd43.bc.ca

IT Support Contacts:
Randy Shen - rshen@sd43.bc.ca
Jeremy Brown - jbrown@sd43.bc.ca

Device Usage

This chart shows grade 9 courses where a device is used daily versus occasionally (digital material replaces workbook/textbook).

Course Name	Device Used Daily	Device Used Occasionally
English	✓	
Languages (including FRIM)	✓	
Mathematics	✓	
Science	✓	
Social Studies	✓	
Physical Education		✓
Electives (use varies)		✓

Apps and Digital Tools

The following is a list of core digital tools used at Riverside. By no means is this list complete, however, our students use these programs and have found them extremely useful. Students are encouraged to search for apps and programs that better suit their individual learning needs. Purchasing the apps below is not required, this is simply a guide to help you navigate through the endless number of programs to choose from. We strongly recommend students become fluent and competent with Edublogs and O365.

General

Logo	Description	Platforms	Subjects
Adobe Reader	Working with PDF files on the go, you can fill out forms, and make comments right from your device.	iOS, Android and Windows	All
Edublogs	Riverside's digital portfolio program. Allows students to edit and personalize their blogs.	iOS, Android and Windows	All
Web Browsers	Chrome | Edge | Safari | Firefox	iOS, Android and Windows	All

Productivity

Logo	Description	Platforms	Subjects
Office 365	SD43 provides O365 tools such as Word, Excel, OneDrive, OneNote and PowerPoint for free to all students.	All	All
Pages, Numbers & Keynote	Powerful production tools designed for Apple products.	iOS	All

Device Suggestions

We strongly encourage parents and students to take time to research and sample the different devices that are available. We have learned that devices are very personalized, and that student learning and willingness to use technology increases when they feel comfortable with their device. During the last several years, we have seen an increase in the use of laptops and hybrid (tablet/laptop) devices.

When Selecting a Tablet / Laptop (Minimum Recommendations):
*0365 is not supported on some Android devices while using the Riverside network

- Ability to write | touchscreen | stylus | protective case
- Keyboard | built in camera | microphone
- Storage and memory: 256GB | 4GB RAM
- Processor Type: Intel Core i3 or Ryzen 3 (or similar)
- Minimum 10.5" screen (larger screens are easier to work on, however they are larger to transport)
- iOS 14, Windows 10, Mac laptop (min. macOS Mojave 10.14)

Security Tips

- Physically lock your device in your locker when you are not using it
- Use a keylock/password on your device
- Do not leave your device on top of your locker then leave it
- Protect your device with a case
- Download a tracking program

Pros and Cons of a Digital Classroom

Our belief is that that most students will be employed in a position that utilizes technology in the future. Beyond the job place, most students will be using social media and other technology to interact and communicate with others. As a result, we believe it is essential to teach our students the skills necessary to use and interact with technology ethically, competently, and thoughtfully. Without being taught digital skills there can be a serious impact on their current or future opportunities. While we are aware of the list of pros and cons, we believe that we have a professional responsibility to develop citizens who can collaborate, create, problem solve, analyze, and investigate in both digital and analog worlds.

Pros	Cons
Organization - no papers to lose, everything on one device	Organization - creating a file management system can sometimes be challenging. Can be broken if dropped or mishandled.
Textbooks - can annotate on the digital books and view more dynamic content, quickly updated	Textbooks - can feel easier to move back and forth in a hardcopy textbook when working between questions and an answer key
Creativity - can personalize and create content that is more visual, emotional, and relevant, including use of camera	Creativity - Can be distracting (internet, apps, games, social media) and may limit more kinesthetic learning
Physical - no more heavy backpacks to carry	Physical - increased eye strain
Learn anywhere and anytime	Challenges with time management
Fast and portable	Batteries may need charging
Access to help 24/7, resources, experts	More opportunity to plagiarize
More social connection	Digital isolation (limited face to face interaction)
More opportunities to learn in different ways (screencasts, Skype, simulations, avatars, presentations, media, various apps)	Protection of privacy with numerous apps saving to the cloud
Accessibility to teacher content from anywhere (all content on teacher's website)	Network may go down, be slow, or not be accessible
Development of digital fluencies	Adding to an already heavy curriculum
Developing digital citizenship	Exposure to more digital content and sites
Developing a positive digital footprint	More difficult to protect privacy
Increased student engagement and personalization	Increased opportunity for off task behavior
Technology can be used to assist with reading, writing, numeracy, and memory for students with learning difficulties	Some apps for students with learning difficulties are more expensive

Why Graduate from a Digital Environment?

Most students graduating now will be working in jobs and fields that require a reasonable level of competency in using digital technology. Furthermore, the common skills needed in the 21st century include:

- Creativity
- Critical Thinking
- Problem Solving
- Decision Making
- Communication

- Collaboration
- Information and Computer Literacy
- Citizenship
- Personal and Social Responsibility

The BC Ministry of Education has created curricular competencies that include:

- Critical Thinking
- Creative Thinking
- Reflective Thinking
- Positive Personal and Cultural Identity
- Personal Awareness and Responsibility
- Social Awareness and Responsibility

Applications of Digital Literacy (ADL10) – COL

In this course, students will be required to demonstrate the ability to efficiently and effectively navigate the digital technologies required to accomplish specific goals and tasks. The course, although categorized as a grade 10 course, will be taken by all grade 9 students. Primarily, the goal of this digital literacy course is that individuals can effectively use the correct digital tool at the right time for the right purpose behaving ethically, and responsibly protecting the personal security and privacy of themselves and others. We want to see our students fluent in these areas. There are 5 "fluencies" in which we are helping students develop skills: information fluency, solution fluency, creativity fluency, collaboration fluency, and media fluency.

The expectation is that the course will not be taught in a linear fashion, but outcomes will be integrated throughout learning activities in this course or integrated within other courses (English, Science, Physical Education and Math). Various assignments will be posted on their Edublogs, which will show their mastery of these five fluencies in various learning environments/contexts and curricular areas.

Digital Fluencies: the 21st Century Learning Skillset

Digital fluencies (information, creativity, media, solution, and collaboration) are essential skills for this next generation of learner. Our goal is to develop learners who will thrive in this changing world so that they think differently, collaborate effectively, communicate eloquently and act ethically. A digital environment enables us to teach students in ways that are more relevant, engaging, personal and meaningful.

Digital Citizenship & On-line Safety

All students must abide by the District Wide Network and Internet Use Expectations. Accessing the district network is a privilege, which will be revoked if students do not abide by the Code of Conduct.

1. Do Create a Positive Digital Footprint
Employers are now looking up a person's profile on-line before hiring. Use this to your benefit in helping an employer see that you would be a good addition to their organization. Everything you post is archived and mined. Your digital footprint reflects your character. Be thoughtful and mindful when posting.

2. Do Build Positive Working Relationships
You can benefit from the support and expertise of peers, teachers, and experts in the field. Build a positive and constructive network that will enable you to succeed and learn. Consider on-line interactions that build trust, respect, suspend judgement and do not harm.

3. Do Ask Before You Post or Record
Consider the privacy of others. Before taking a photo or video, ask permission. Before posting anything on someone else, including their work, seek permission. Everyone has a right to feel safe.

4. Do Limit What You Say About Yourself
Many sites, such as Google, mine data. In other words, every time something is posted with your name, that information is taken to create a profile on you. Be aware that there are individuals who also do this to gain access to your banking, home, or your personal privacy. Use passwords that are difficult to trace and keep them private. Be wary of sharing your real name, address, phone number, financial information, school name, passwords, or other private information.

5. Do Use Your Technology to Create and Share Work
The technology gives you access to tools that you may not have otherwise had before. Create, publish, share ideas, and get feedback.

6. Do Report Inappropriate Use of Technology
Anyone trying to intimidate, harass, or bully others on-line may be charged through the Criminal Code (Section 264). Furthermore, it is also illegal to Distribute Obscene Matter (Section 163), post images of anyone under 18 years engaging in sexual acts or depicting sexual organs (Section 163.1), injuring the reputation of others by exposing them to ridicule, hatred, or contempt (Section 298), or sending false messages intended to injure or alarm someone (Section 372). Report these types of situations to the police or school staff immediately.
To report to the School Administration: Email: 132-administration@sd43.bc.ca

7. Do Cite Your Sources
While there is an abundance of information shared on the internet, you must write down where you found your information so that the author gets recognized for their work. This is respectful as it acknowledges the intellectual property of an author or publisher. Plagiarism is the copying of someone else's work without referencing or acknowledging them.

8. Do Stay Organized
With keeping all your work on one device, it is important to create a filing or storage system that works for you. Keep track of your time, deadlines, and projects using a calendar.

Edublogs/E-Portfolio

My Riverside Rapid Digital Portfolio

All our students create E-portfolio is through Edublogs. Our intention is to use this site as a space for students to showcase some of the wonderful work that they produce as part of their learning here at Riverside. The portfolio gives students a stage that allows them to share what they are learning with other people and to collaborate with others. It shows the progress of student learning over their four years at Riverside so that everyone can see their growth over time. It also allows them to create a positive digital footprint that students will be able to display during job interviews and future opportunities.

How to Visit Our Blogs

To visit our school's Edublogs please go to: www.myriverside.sd43.bc.ca

Visit a Teacher's Blog
To visit a specific teachers' blog simply add a backslash (/), followed by the teacher's first initial and full last name at the end of www.myriverside.sd43.bc.ca. For example, to visit Mr. Gee's blog, you would type in www.myriverside.sd43.bc.ca/bgee

Visit Your Child's Blog
To visit your child's blog, add a backslash (/), followed by the full first name of your child, the initial of their last name, and 2021*. For example, to visit John Smith's blog, you would type in www.myriverside.sd43.bc.ca/johns2021 *represents the year the student entered grade 9 at Riverside

Riverside Digital Tips

1. Visit the 1:1 Riverside website for support
2. Always secure your device! Lock up your device when you are not using it, never leave it unattended.
3. Log off and turn your device off when you leave the school, turn your device on and log on every morning when you come to school.
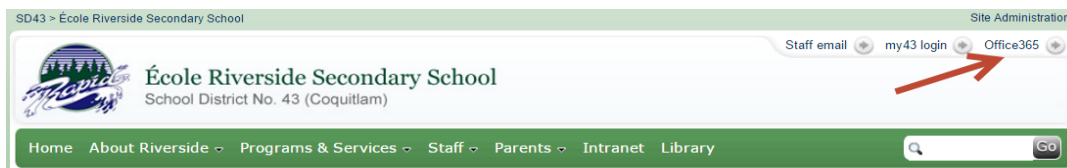
4. You receive **Office 365** for FREE. You can access your account from the main school page. You also access you **SD43 EMAIL HERE.**
5. Charge your device before you come to school and bring your charger to school.
6. Use your professional SD43 email address.
7. Create a file management system for your device…learn methods to keep your work organized on your device. Bookmark the blog or website you use in each class for one-touch access.
8. PASSWORDS!!!! Remember your passwords, keep them in a safe location. We suggest you have one password for professional school related things, and another password for personal things.
9. Bring a stylus pen and portable keyboard. Bring a real pen and pencil to class, not everything will be digital!
10. Find a digi-buddy to pair up with for troubleshooting, find a person using the same device as yours in each class.

NEED HELP

If you have any questions or need any help, come visit the WAVE. We are in the library. Please visit us or contact us for support or if you have any questions.
Email: 132-LIF@sd43.bc.ca