

SUMMER BRIDGE PROJECTS – INFORMATION TECHNOLOGY CHOICE BOARD

Take a College-Level Course

Register:

- [MIT Open Courseware](#)
- [Carnegie Mellon Open Learning Initiative](#)
- [Yale University Open Courses](#)
- [Coursera](#) (search for free Information Technology (IT) courses)

Already have a college or university in mind?

- Most institutions offer free virtual courses.
- Check out their website or explore [MOOC.org](#).

Create an eBook

Create:

- An eBook to inspire elementary students to see themselves in exciting IT careers.

Review:

- [Examples of e-books created by high school students](#)

Create:

- Use [Book Creator](#) or other applications to create an eBook.

Select & Edit Videos

Select:

- Recorded or online videos of interviews with IT professionals
- Edit video to 2-minutes or less to showcase an exciting IT topic.

Use FREE editing apps:

- [iMovie](#), [OpenShot](#), [Adobe Spark](#), or [MovieStudio](#)

Upload to [Wakelet](#) or [Pinterest](#).

Volunteer

Sign Up:

- For [VolunteerCrowd](#), a free app that finds academic-related opportunities to inspire students and help build their volunteer portfolio to impress colleges and employers.
- **Search** for STEM & Virtual Volunteering options that offer opportunities outside your community.

Create an Infographic!

Read:

- [Infographics: How Can They Improve Your Presentation?](#)

Research:

- Review online examples of effective infographics.

Do:

- Create an infographic representing career pathways in information technology.

Choose an application:

- [Google Slides](#)
- [MS PowerPoint](#)

Are you interested in an Information Technology career?

Use your summer vacation to enhance your college applications with one or more of these Summer Bridge Projects!



Create an Animated Sequence

Read:

- [What is an Animated Infographic Video?](#)

Watch:

- [10 Best Animated Infographic Templates](#)

Do: Use an animation creator application to highlight a coding process or skill.
Example: [PowToon](#) (Free)

Create a Unique Project

Turn your interests and talents into a summer-long project.

A few ideas:

- Tutor younger students.
- Teach yourself [new programming languages and skills](#).
- Create a webpage with [WIX](#).

Be an Entrepreneur

Start a business to offer a service in the community.

An idea:

- Create a tutoring service.
- Teach video-conferencing techniques.
- Create web pages for small businesses.

Earn a Skill Badge

Sign Up:



[Agile \(Open P-Tech\)](#)

- Learn the foundational concepts of Agile and earn a digital badge from IBM.
- Master Agile – a new way of working and be ahead of the curve.

Create a STEM-Related Podcast

[Podcasts: 50 Ideas:](#)

- **Did You Know?** Share exciting information about IT.
- **How-To:** Produce tutorials on STEM-related topics.
- **Thinking about the Future:** Feature interviews focused on what life will be like in the future.