

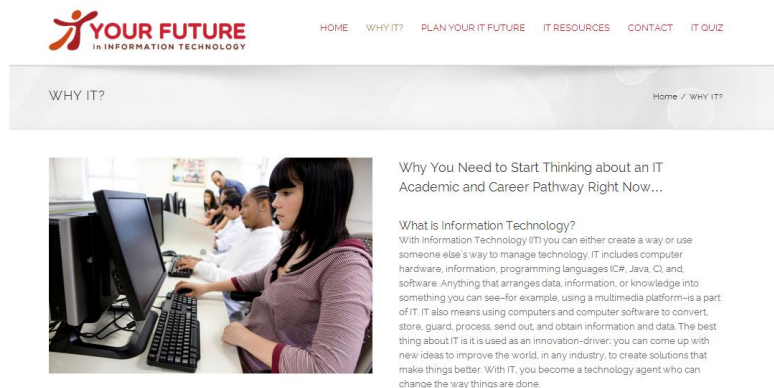


YOUR FUTURE IN IT USER GUIDE



For Students

Your Future in IT is:

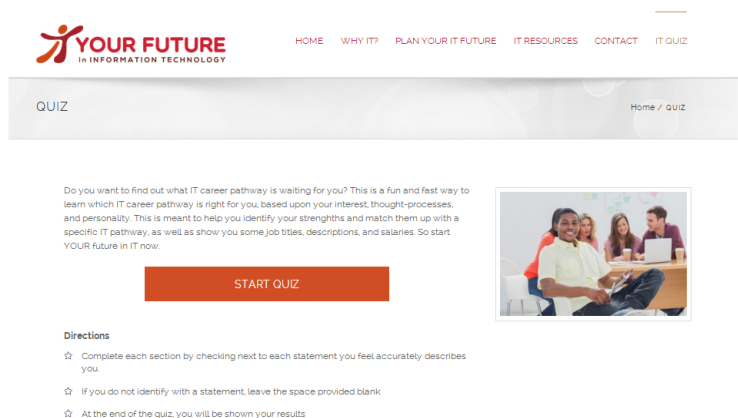


- a place to find out what IT is, why it's a great academic and career choice, and what working in IT can do for any student,
- easy to use,
- provides practical and useful information, and,

**Your Future in IT: The IT Resource for Students in Washington State
Website User Guide for Students, Educators, Counselors, and Parents**

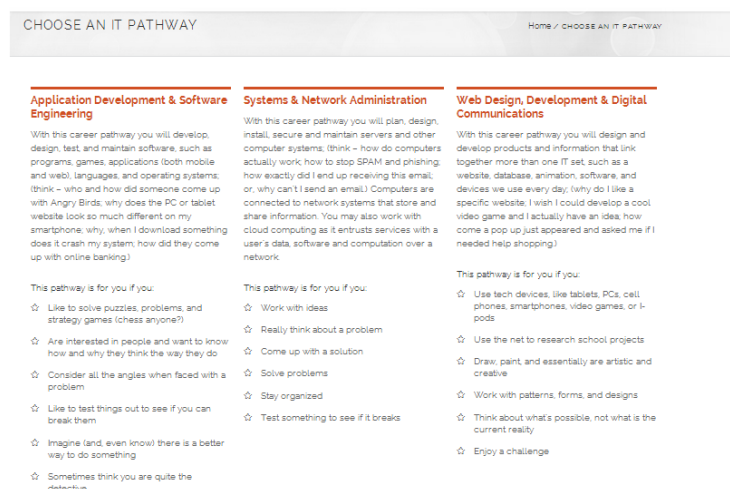
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- has a series of user-friendly tools that encourage academic planning to ensure the completion of key academic courses, (plus for a student's consideration extra-curricular activities, elective credits, IT certifications, and more.)



1. The first step for students who are unfamiliar with an IT program of study, and want to find out what career pathway is recommended for them, the site has an [IT interest quiz](#).

2. After the student takes the IT interest quiz, the results are tallied immediately and one of the three IT career pathways is recommended for them to think about.



3. There is a description of what the IT occupation is about, a list of job descriptions for a series of occupations that fall within the main IT occupation, a list of degrees and certificates offered by all Washington State colleges and universities for the main IT occupation, and, an academic planning guide.

Applications Analyst



An application analyst is someone whose job is to support a given application or applications. This may entail some programming, some system administration skills, and the ability to analyze a given problem, diagnose it and find its root cause, and then either solve it or pass the problem on to the relevant people if it does not lie within the application analyst's area of responsibility. Typically an application analyst will be responsible for supporting bespoke (i.e. custom) applications programmed with a variety of programming languages and using a variety of database systems, middleware systems and the like. It is a form of 3rd level line technical support. The role may or may not involve some customer contact but most often it involves getting some description of the problem from helpdesk, making a diagnosis and then either creating a fix or passing the problem on to someone who is responsible for the actual problem area.

They are classified under *Computer Systems Analysts* and the associated job title is *programmer analyst*.

If you choose an educational/career pathway as a quality assurance engineer you would find employment in computer systems design and related services, finance, insurance, information technology, as well as government.

[DETAILED JOB PROFILE](#)
[EARNINGS](#)

4. For example if [Application Development and Software Engineering](#) is recommended, a student could find out about what an application analyst does, including a detailed job description and the salary an application analyst can make. They can also look at the customized academic pathway planning guide (that takes them from grades 9 through 16) and find a college that offers a degree or certificate in software development and engineering.

5. Students can [create an account](#) and keep track of their academic progress to ensure they are fully involved in completing a robust IT program of study.

6. There is also an array of IT informational and resource articles that student's can quickly read and review to find out about:

- [Statistics Matters in IT and Beyond](#)
- [Forming a Study Group](#)
- [IT Job Shadows, Part-Time Work, and Volunteering](#)
- [Chess Can Develop Your Math Skills](#)

YOUR FUTURE
IN INFORMATION TECHNOLOGY

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IT RESOURCES

Home / IT RESOURCES

This is your place for both general and specific (IT) information and resources that will help you navigate and plan both your educational and career pathway in a number of ways:

- ☆ General Academic Advice and Tips
- ☆ Why Taking Math and Statistics Will Make your IT Educational and Career Pathway So Much Easier (including tips on how best to overcome math anxiety, fun ways to prepare for math, etc.)
- ☆ Professional Advice (it's never too early to start thinking about building an online portfolio, internships, and part-time jobs)
- ☆ Extra-Curricular Activities
- ☆ How to Build the Skills that Will Help You in High School and Beyond...
- ☆ How to Build the Skills that Will Make You Employable

IT Resources

- Fun and Informative IT Features
- Get Ready, Set for College, Now Go...
- Math Resources
- Take Advantage of Your Middle and High School Experience

For Educators

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EDUCATOR RESOURCES
Home / EDUCATOR RESOURCES

Your Future in IT aims to:

- Actively encourage, provide helpful tools to encourage success and consistency for students who are already interested in IT
- Create awareness, interest, recruit and retain students, who might not be as familiar with IT, in forging a robust academic and career pathway in IT

Educators Resources also features resources, tips, advice on how best to help your students who already interested in IT. Additionally, we provide information and ideas and ways to encourage students to start thinking about how an academic and career pathway in IT, is a way to develop into a life-long learner; evolve as a solution's provider; become an innovator; and, employment prospects and salaries for IT professionals have remained consistently higher than other professional career pathways.

It's also important to help students understand that with an IT degree you can work in virtually any industry: finance, entertainment, health, agriculture, you name it. IT supports, drives innovation, creates solutions for every industry.



- Academic – Best Practices
- Academic – Curriculum, Subject Specifics, and More...
- IT News of Interest

Educators can familiarize themselves with the guide above for students and take a quick tour of the website to quickly understand how it works.

There are also a number of [informational pieces](#) that can be reviewed and incorporated into the curriculum and used to either create a best practice, or build upon an existing one.

For Counselors (Academic and Career) and Parents


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Middle School

As a middle school guidance counselor you work with students, educators, and parents to support learning needs and styles, as well as the cognitive development of students. Middle school students are going through different mental and physical changes that may impact how they experience their middle school years.

Finding resources that can nurture and support a middle school student as they either are firm in their exploration of an IT academic pathway, or want to learn more, is what this site's purpose is: to help you, your students, and their parents.

High School

As a high school guidance counselor, your primary focus is on the IT academic and career pathway as well as providing hints, tools, and advice on outside or extra-curricular activities a student can take on to enhance their successful transition from high school to college or university. You are being asked to assist a student in choosing the right high school courses and activities that will help in their articulation to college or university. You are instrumental in guiding a student's application process to college or university. While you are expected to know every academic and career pathway leading to a higher education institution or job, sometimes additional information comes in handy.

This section is here to help your IT-sure or IT-inclined students make the most of their time in high school in order to get ready, set, and go to college or university.


Explore this site for insight into academic and career planning pathway guides; an IT interest quiz your students can take to find out which program of study is right for them, as well as resources for students, parents, and educators that might prove beneficial to you in your role as a guidance counselor.

- Academic Pathway
- Career Pathway
- College & University News of Interest

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For [counselors](#), both academic and career, and [parents](#) there are a number of informational pieces that will help them understand how to assist, advise, and advocate for a student's academic and career pathway in IT.


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PARENT RESOURCES

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Being a parent, a care-taker, a guardian to a child is one of the most important things that we, as both individuals and society, can do. It is rewarding, challenging, and there are highs and lows. In the end, the wonderful thing about parents is they are role-models, guides, provide care and comfort, and play a vital role in shaping a young person's life; they are there to listen to and support aspirations, direction, ethics, values, and so much more.



As a parent, you know that access to education is one of the great opportunities afforded to us. The quality, ability to properly prepare for college and beyond, the available outside resources and tools, are all crucial to your child's educational experience.

This website aims to assist, advise, provide resources and tools that make your child's information technology (IT) educational and career pathway rewarding, smooth, challenging (in a good way), informative, creative, purposeful, and enjoyable.

The resources we provide to you are here for you to take advantage of in order to understand, encourage, and guide your child during their IT journey.

[Academic](#)
[Extra Curricular](#)
[IT News of Interest](#)