Awareness 1: What is Cyber?

Provide in-person or remote learning experiences to introduce students to the world of Cyber Security. These experiences deliver novice-level information which is a great starting point for students and educators who may be unfamiliar with the basics of this growing industry. The experiences in this category help students:

1. Define cybersecurity
2. Identify ways students’ lives are impacted by the industry (e.g. cyber crime, personal privacy, etc.)
3. Reflect on potential job or career opportunities

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| Video          | These short video introductions can be paired with brief discussion questions and a quick search of available Cyber jobs on PipelineAZ. Video Options:  
• [Khan Academy: Cybersecurity and cyber crime](#) (5 min)  
• [NOVA Labs: Cybersecurity 101](#) (3 min)  
Possible Discussion Questions:  
1. How is your own life impacted by Cyber crime?  
2. What kinds of jobs do think exist in Cyber security? Is this something you’d be interested in?  
Cyber Job Search: [https://pipelineaz.com/industries/11-it-information-technology](#) | 10 - 30 minutes |
| Interactive Lessons | The Possible Futures curriculum provides complete, interactive lesson plans. These lessons are designed for in-person learning; however, may be adapted for remote, synchronous learning. If you are looking for engaging ways to spark students’ interest in Cyber careers, start here.  
• How can Digital Threats Affect me and others? – Lesson  Slide deck  
• What is Cybersecurity? – Lesson  Slide deck | 30 - 90 minutes |