Red River is a technology transformation company. We are also a community of people who strive to make a difference in the communities where we live and work.

Are you a high school student that’s interested in IT and enjoys hands-on learning? Red River’s Think SMART program incorporates real-world learning in a professional work environment. Students will gain **Skills**, Mentorship, Access, Readiness and Technology through hands-on IT troubleshooting, interviewing and business skills with the support of the Red River IT team and by learning from one another.

This collaborative program focuses on more than just break/fix IT skills and lays the foundation for students to be successful in a professional work environment.

<table>
<thead>
<tr>
<th><strong>What Students will Gain:</strong></th>
<th><strong>Skills</strong></th>
<th><strong>Mentor</strong></th>
<th><strong>Access</strong></th>
<th><strong>Readiness</strong></th>
<th><strong>Technology</strong></th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>Resume building and presentation</strong></td>
<td><strong>Collaboration with Red River employees</strong></td>
<td><strong>Red River’s facility and equipment</strong></td>
<td><strong>For college prep and career path options</strong></td>
<td><strong>Break/fix PC and laptop</strong></td>
</tr>
<tr>
<td></td>
<td>General business skills including interview prep And skills using laptops, PC’s, servers and more.</td>
<td>Leadership skill development to mentor each other Connections to other industry leaders in the area</td>
<td>IT systems including laptops, PC’s, hardware and software Various operating systems Ethernet and LAN IT monitoring tools</td>
<td>Diverse workplace readiness Interview and presentation skills Financial planning and advice</td>
<td>Various operating systems IT monitoring tools Cabling builds Virtualization and Cloud overview and much more</td>
</tr>
</tbody>
</table>

You will earn high school credits for participating in this program.

**Back for 2020!**

The program will expand to include a financial lesson presented by a local bank.
## ThinkSMART Syllabus

### Activity | Date | Skills Reviewed
--- | --- | ---
The Market – presentation | June 19, 2020 | STEM in Sacramento; job market and resume skills; Red River overview
Red River SLED, Project Introduction | June 26, 2020 | Different aspects of Red River Sacramento (AppDev, Managed Services, BizOps, Business Analysis, Project Management); project details
Basics: Anatomy of Computer and Application Development | July 10, 2020 | Computer part recognition/PC assembly; intro to development tools
Software Design and Architecture | July 17, 2020 | Determine data needs and structure, cloud infrastructure architecture, object oriented programming
Basics of Programming | July 24, 2020 | Java Syntax, JVM, spring framework; HTML; compile; debug; source control
Coding | July 31, 2020 | Walk through modifying a web page, writing a unit test, compiling, debugging
Code Reviews | August 7, 2020 | Instructor-led code reviews; basic algorithms and data structures
Virtualization and Cloud Computing | August 14, 2020 | Simple Storage Service (S3) and Elastic Compute Cloud (EC2) in AWS; Linux vs. Window
Hacker Lab Tour & 3D Printing Overview | August 21, 2020 | How to access local hacker labs and learn about 3D modeling/printing
Final Presentation | August 28, 2020 | PowerPoint presentation(s) to staff, faculty and family members sharing your experience and what you’ve learned

Sessions are Fridays, 10:00am – 12:00pm at the Red River office in Sacramento.