| Name: Robert Lefrandt | | Grading Quarter: 4 | | Week Beginning: 04/21/2025 | |
|--------------------------|--|---|--|--|---|
| Sch | School Year: 2024-25 | | Subject: Software & App Design | | |
| Monday | Notes: Minecaft for Education (Python) Amazon Future Engineers (AFE) (Python) Kahn Academy Microsoft Visual Code for Educators Python resources: pythontuto r | what are credentia Understa Recognize Systems Aware of Lesson Overview Online Courses, Start with freecode Create ac HTML Embe Resou Resou WWW St TechSma Login Www 4 lists 4.1 L 4.2 L 4.3 A 4.4 S String Unit | cother programming resolutions WebStack: front-end: Homp Counts for freecodecam Counts for | ards, skills, and possible and of a web-stack cearning Management cources aScript and Python aTML, CSS. JavaScript using p.org (CSS), JavaScript, ebra) alanagement System (LMS) at Accounts ps ascript and Python at Charles-Robotics | Academic Standards: Arizona CTE: Software & App Design 11.0202.00 Technical Standards Domain 1 Coding/ Programming STANDARD 17.0 EMPLOY OBJECT- ORIENTED PROGRAMMING TECHNIQUES Domain 2 Software/ Application Development STANDARD 12.0 DEVELOP A PROGRAMM |

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|---------|---------------------------------|---|----------------------|
| | Notes: | Students will: | Academic |
| | Minecaft | continue to define what the Software & App Class is and | Standards: |
| | for | what are the Arizona State Standards, skills, and possible | |
| | Education | credentials, certifications. | Arizona CTE: |
| | (Python) | Understand the front and back end of a web-stack | Software & App |
| | | Recognize various programming Learning Management | Design 11.0202.00 |
| | Amazon | Systems (LMS) | Technical |
| | Future | Aware of other programming resources | Standards |
| | Engineers | | Stanuarus |
| | (AFE) | | Domain 1 |
| | (Python) | Lesson Overview: | Coding/ |
| | | Online Courses, LMS examples: Learn JavaScript and Python | Programming |
| | Kahn | | STANDARD 17.0 |
| | Academy | Start with WebStack: front-end: HTML , CSS. JavaScript using | EMPLOY |
| | Microsoft Visual Code for | freecodecamp | OBJECT- |
| | | Create accounts for freecodecamp.org | ORIENTED |
| | | HTML, Cascading Style Sheets (CSS), JavaScript, | PROGRAMMING |
| | Educators | Embedded Math (College Algebra) | TECHNIQUES |
| Tuesday | Python | Resources: | , |
| sda | rython | w3schools.com | |
| γe | resources: pythontuto | Stackoverflow.com | Domain 2 |
| | | TechSmart: CS Python Learning Management System (LMS) | Software/ |
| | r | Login to online Python Student Accounts | Application |
| | | www.techsmart.codes/ | Development |
| | | ∘ 4 lists | |
| | | 4.1 Lists and For-Each Loops | |
| | | 4.2 List Operations | STANDARD 12.0 |
| | | 4.3 Advanced List Operations | DEVELOP A |
| | | 4.4 Strings as Collections | PROGRAM |
| | | 4.5 String Operations | |
| | | String Operations-Methods | |
| | | • Unit 4 Test | |
| | | Raspberry Pi Pico – Thonny(IDE) Python | |
| | | Met/w Fish & Game- Ari && Charles-Robotics | |
| | | VEX Robotics- –vr.vex.com | |
| | | VEX V5-High Stakes VEX IO Benid Balan Black/Bathana | |
| | | • VEX IQ-Rapid Relay- Block/Python | |
| | | • Leading Arizona – BRHS Top 1-6 scores, BRES #6 | |
| | | AI/VEX AI | |

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| | Engineers | , mand on ourse, programming recounted | Standards |
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| | (Python) | Lesson Overview: | Domain 1 |
| | | Online Courses, LMS examples: Learn JavaScript and Python | Coding/ |
| | Kahn Academy | | Programming |
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| | Microsoft Visual Code for Educators Python | Create accounts for freecodecamp.org | OBJECT- |
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| 8 | | Embedded Math (College Algebra) | TECHNIQUES |
| ed | | Resources: | TECHNIQUES |
| ne | | w3schools.com | |
| Wednesday | resources: | Stackoverflow.com | Domain 2 |
| | pythontuto | TechSmart: CS Python Learning Management System (LMS) | Software/ |
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