| Name: | | | Grading Quarter: | Week Beginning: | |
|----------------------|--|--|---|--|--|
| Robert Lefrandt | | | 4 | 05/12/202 | .5 |
| 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 credential Understal Recognize Systems Aware of Lesson Overview 2024-2025: Final Online Courses, I Start with freecoded Create act HTML Embel Resoul WWW. Alists All L All L All | the Arizona State Stand Ils, certifications. Ind the front and back et various programming (LMS) other programming rest. Test LMS examples: Learn Jack MebStack: front-end: camp counts for freecodecand, Cascading Style Sheet dded Math (College Algurces: aschools.com ackoverflow.com rt: CS Python Learning I to online Python Stude techsmart.codes/sists and For-Each Lock techsmart.codes/sists and For-Each | Learning Management Sources EvaScript and Python HTML, CSS. JavaScript using Inp.org Is (CSS), JavaScript, Igebra) Management System (LMS) Int Accounts DES Is-Any Students Work on? Int DES DES 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 PROGRAM |

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| | Notes: | Students will: | Academic |
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| | 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) | |
| | Future | Aware of other programming resources | Technical |
| | Engineers | | Standards |
| | (AFE) | | Domain 1 |
| | (Python) | Lesson Overview: | |
| | | 2024-2025: Final Test | Coding/ |
| | Kahn | Online Courses, LMS examples: Learn JavaScript and Python | Programming STANDARD 17.0 |
| | Academy | | EMPLOY |
| | Microsoft Visual Code | Start with WebStack: front-end: HTML, CSS. JavaScript using | OBJECT- |
| | | freecodecamp | ORIENTED |
| | | Create accounts for freecodecamp.org | PROGRAMMING |
| | for Educators | HTML, Cascading Style Sheets (CSS), JavaScript, | TECHNIQUES |
| | | Embedded Math (College Algebra) | TECHNIQUES |
| Ţ | Python | Resources: | |
| Tuesday | resources: | w3schools.com | Domain 2 |
| da | pythontuto | Stackoverflow.com | Software/ |
| < | r | TechSmart: CS Python Learning Management System (LMS) | Application |
| | | Login to online Python Student Accounts | Development |
| | | www.techsmart.codes/ | • |
| | | ∘ 4 lists | |
| | | 4.1 Lists and For-Each Loops | STANDARD 12.0 |
| | | • 4.2 List Operations | DEVELOP A |
| | | 4.3 Advanced List Operations | PROGRAM |
| | | 4.4 Strings as Collections | |
| | | 4.5 String Operations | |
| | | String Operations-Methods | |
| | | Unit 4 Test | |
| | | Unit 5 Dictionaires | |
| | | Unit 6 User Defined Functions-Any Students Work on? | |
| | | Raspberry Pi Pico – Thonny(IDE) Python | |
| | | Met/w Fish & Game- Ari && Charles-Robotics | |
| | | VEX Robotics- –vr.vex.com | |
| | | VEX V5-High Stakes | |
| | | VEX IQ-Rapid Relay- Block/Python | |
| | | Leading Arizona – BRHS Top 1-6 scores, BRES #6 | |
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| | Educators | Embedded Math (College Algebra) | TECHNIQUES |
| Wednesday | Python | • Resources: | |
| edr | | • w3schools.com | |
| es | resources: pythontuto | | Domain 2 |
| da | | Stackoverflow.com Tack Stack CS Public and a service Management States of (MAS) | Software/ |
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