

# Unit 3 - Functions ## Essential Questions \* What are some built in functions in Python? \* How do you apply printing and returning values in a function? \* How do you define your own functions in Python? \* What is the difference between global and local variables?" ## Pacing Guide ### Timing 1 Day = 50 minute class period | Lesson | Days | Resources | | ----- | ---- | ----- | | 3.01: Built In Functions | 1 | [3.01 Slide Deck] | | 3.02: User-Defined Functions | 2 | [3.02 Slide Deck] | | 3.03: Return vs Print | 1 | [3.03 Slide Deck] | | 3.04: Debugging and Scope | 1 | [3.04 Slide Deck] | | 3.05: Oregon Trail | 9 | [3.05 Slide Deck] | | \*\*Total Days\*\* | 14 | | | \*\*Total Minutes\*\* | 700 | | ## Key Terms \* Function \* Arguments \* Calling Functions \* Importing \* Returning \* Abstraction \* Def \* Return \* None \* Void \* Scope \* aliasing \* stack trace [3.01 Slide Deck]:  
[https://github.com/TEALSK12/2nd-semester-introduction-to-computer-science/raw/master/units/3\\_unit/slidedecks/Intro%20Python%203.01%20TEALS.pptx](https://github.com/TEALSK12/2nd-semester-introduction-to-computer-science/raw/master/units/3_unit/slidedecks/Intro%20Python%203.01%20TEALS.pptx) [3.02 Slide Deck]:  
[https://github.com/TEALSK12/2nd-semester-introduction-to-computer-science/raw/master/units/3\\_unit/slidedecks/Intro%20Python%203.02%20TEALS.pptx](https://github.com/TEALSK12/2nd-semester-introduction-to-computer-science/raw/master/units/3_unit/slidedecks/Intro%20Python%203.02%20TEALS.pptx) [3.03 Slide Deck]:  
[https://github.com/TEALSK12/2nd-semester-introduction-to-computer-science/raw/master/units/3\\_unit/slidedecks/Intro%20Python%203.03%20TEALS.pptx](https://github.com/TEALSK12/2nd-semester-introduction-to-computer-science/raw/master/units/3_unit/slidedecks/Intro%20Python%203.03%20TEALS.pptx) [3.04 Slide Deck]:  
[https://github.com/TEALSK12/2nd-semester-introduction-to-computer-science/raw/master/units/3\\_unit/slidedecks/Intro%20Python%203.04%20TEALS.pptx](https://github.com/TEALSK12/2nd-semester-introduction-to-computer-science/raw/master/units/3_unit/slidedecks/Intro%20Python%203.04%20TEALS.pptx) [3.05 Slide Deck]:  
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