

AP Computer Science Principles

<div>What</div> <div>5.3.5 Pyramid</div> <div>Lists CMU CS Academy</div> <div>Students will learn the ways that lists are created, accessed, and changed through a teacher-guided activity</div> <div>Why<ul style="list-style-type: none">• AAP-1 - To find specific solutions to generalizable problems, programmers represent and organize data in multiple ways• AAP-2 - The way statements are sequenced and combined in a program determines the computed result</div>	<div>How</div> <div>Activities:</div> <ul style="list-style-type: none">• Students and teacher will walk through Checkpoints• After building a conceptual model for list and list operations in the previous lesson, this lesson allows students to see how they are actually implemented in code. This lesson also introduces common programming patterns when using lists. Students will have some opportunities to modify working code in this lesson, but the most significant practice with lists will come in the following lesson.
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What

Lists CMU CS Academy

Students will learn the ways that lists are created, accessed, and changed through a teacher-guided activity

Why

- AAP-1 - To find specific solutions to generalizable problems, programmers represent and organize data in multiple ways
- AAP-2 - The way statements are sequenced and combined in a program determines the computed result

How

Activities:

- Students and teacher will walk through Checkpoints
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