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Module 10: Garden Ecology

Urban EcoLab

May 2021

Lesson Adaptations and Extensions

Center for Urban Resilience

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Lesson Adaptations and Extensions

<u>English Language Learners (ELL)</u>	<u>Special Education Learners (SPED)</u>	<u>Optional / Extension Research Topics</u>
<ul style="list-style-type: none"> • pictures / visuals 	<ul style="list-style-type: none"> • pictures / visuals 	<ul style="list-style-type: none"> • explore social equity issues of local/regional green space distribution (trees, parks, gardens...)
<ul style="list-style-type: none"> • realia, 3D objects 	<ul style="list-style-type: none"> • realia, 3D objects 	<ul style="list-style-type: none"> • research the impact of drought on plants and trees in the region
<ul style="list-style-type: none"> • key vocab cards (dual language) with pics 	<ul style="list-style-type: none"> • key vocab cards with pics 	<ul style="list-style-type: none"> • investigate the invasive plant species that have appeared and impacted local ecosystems
<ul style="list-style-type: none"> • PowerPoint slides – outline form / fill-in-the-blank (dual language) 	<ul style="list-style-type: none"> • PowerPoint slides – outline form / fill-in-the-blank 	<ul style="list-style-type: none"> • do trees communicate with each other? research and explore this topic
<ul style="list-style-type: none"> • exemplars (samples) 	<ul style="list-style-type: none"> • exemplars (samples) 	<ul style="list-style-type: none"> • explore the different types of soils and their benefits to plants and gardens
<ul style="list-style-type: none"> • partner work 	<ul style="list-style-type: none"> • partner work 	<ul style="list-style-type: none"> • what kinds of water features can be put in a garden? research and explore
<ul style="list-style-type: none"> • small group work 	<ul style="list-style-type: none"> • small group work 	<ul style="list-style-type: none"> • how can community gardens be established and support populations in a city? research and explore; consider starting a local community garden
<ul style="list-style-type: none"> • assigned roles 	<ul style="list-style-type: none"> • assigned roles 	<ul style="list-style-type: none"> • what are the pros and cons of chemical pest management (pesticides, insecticides, fungicides, herbicides) on plants and human/animal health? explore natural alternatives to chemical use
<ul style="list-style-type: none"> • iPad speech-to-text translation (dual language) 	<ul style="list-style-type: none"> • repeat directions 	<ul style="list-style-type: none"> •
<ul style="list-style-type: none"> • iPad or laptop with translation site access 	<ul style="list-style-type: none"> • clarify, check for understanding 	<ul style="list-style-type: none"> •
<ul style="list-style-type: none"> • repeat directions 	<ul style="list-style-type: none"> • wait time 	<ul style="list-style-type: none"> •
<ul style="list-style-type: none"> • clarify, check for understanding 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
<ul style="list-style-type: none"> • wait time 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •