

Unit 2 Assessment: Urban Agriculture Concept Map

In your preparation to complete the urban agriculture concept map you should summarize, reflect and assess what you learned in: Food as the Foundation for Healthy Communities; which explored the urban food energy water system in the contexts of environmental justice and health disparities; and how community stakeholders are responding to these challenges and opportunities through urban agriculture.

Unit 2 Assessment Activity #1: Review the graphic organizer list of the challenges and opportunities of cultivating healthy community/communities through urban agriculture.

The urban agriculture graphic organizer visually displays concepts and linkages to help guide your thinking in illustrating, by way of a concept map, the environmental, social and economic challenges and opportunities of urban agriculture.

<http://www.inspiration.com/visual-learning/graphic-organizers>

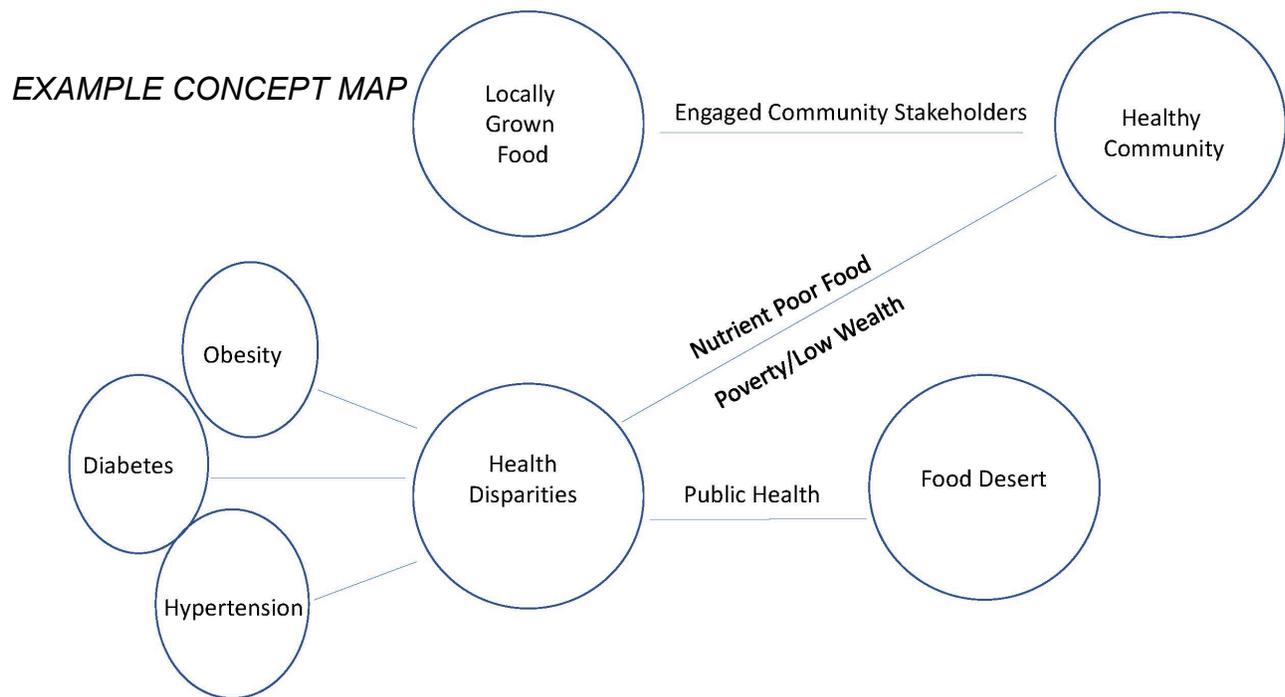
Urban Agriculture Concept Map Graphic Organizer

Challenges/Risks	Opportunities/Benefits
<p>Food Deserts</p> <p>Health Disparities</p> <ul style="list-style-type: none"> • Obesity • Diabetes • Hypertension • Cancer <p>Energy Intensive</p> <ul style="list-style-type: none"> • Highly Processed, • Nutrient Poor, • Low Cost, and • Highly Packaged Food <p>Water</p> <ul style="list-style-type: none"> • Quality • Quantity • Availability <p>Energy</p> <ul style="list-style-type: none"> • Fossil Fuels <p>Agricultural Waste Runoff</p> <p>Planning and Zoning</p> <p>Regulation</p> <p>Environmental Justice</p> <p>Food Insecurity</p> <p>Eco Footprint</p> <p>Subsistence</p> <p>Urban Farming</p> <p>Poverty/Low Wealth</p>	<p>Sustainable Food</p> <p>Urban Farming</p> <p>Community Gardens</p> <p>Locally Grown Food</p> <p>Jobs</p> <p>Health Benefits</p> <p>High Nutrition</p> <p>Education</p> <p>Public Policy</p> <ul style="list-style-type: none"> • Food Policy Councils <p>Quality of Life</p> <p>Engaged Community</p> <p>Stakeholders</p> <p>Entrepreneurship</p> <p>Public Health</p> <p>Food Security</p> <p>Eco Footprint</p> <p>Food Production, Processing, Distribution Innovations</p> <ul style="list-style-type: none"> • Aquaponics • Aeroponics • Hydroponics <p>Expanded Food Access</p> <ul style="list-style-type: none"> • acceptability • accessibility • accommodation • affordability • availability <p><i>Healthy Community</i></p>

Unit 2 Assessment Activity #2: Using the environmental, social and economic concepts and linkages listed in the graphic organizer above; build an **Urban Agriculture Concept Map**.

Recall that Module Activity 2.5 shows us that concept maps graphically illustrate relationships between two or more concepts; are linked by words that describe their relationship; and are a type of graphic organizer that can help you to organize and represent your knowledge and grasp of a particular subject. Remember that concept maps begin with a main idea (or concept) and then branch out, linked by words describing their relationship, to show how that main idea can be broken down into specific topics.

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Unit 2 Assessment Activity #3: Summarize, assess and reflect on your concept map in a short and concise essay.

EXAMPLE ESSAY

My concept map begin with the main idea of the food desert which is a public health risk factor for health disparities such as obesity, diabetes and hypertension among minority and low wealth communities. Urban agriculture is an aspect of the locally grown food movement that engages community stakeholders in responding to these challenges.