Forward Education

Smart Farming with Hydroponics & LED Grow Lights

Next Generation Science Standards (NGSS)
Science
Grade **7** - Adopted: **2013**

STRAND	NGSS.MS-LS	LIFE SCIENCE
TITLE	MS-LS2	Ecosystems: Interactions, Energy, and Dynamics
		Students who demonstrate understanding can:

PERFORMANCE EXPECTATION	MS-LS2-5	Evaluate competing design solutions for maintaining biodiversity and ecosystem services.

STRAND	NGSS.MS-ESS	EARTH AND SPACE SCIENCE
TITLE	MS-ESS3	Earth and Human Activity
		Students who demonstrate understanding can:

PERFORMANCE EXPECTATION	MS-ESS3-3	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.
PERFORMANCE EXPECTATION	MS-ESS3-4	Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.

Next Generation Science Standards (NGSS)
Science
Grade **8** - Adopted: **2013**

STRAND	NGSS.MS-LS	LIFE SCIENCE
TITLE	MS-LS2	Ecosystems: Interactions, Energy, and Dynamics
		Students who demonstrate understanding can:

PERFORMANCE EXPECTATION	MS-LS2-5	Evaluate competing design solutions for maintaining biodiversity and ecosystem services.

STRAND	NGSS.MS-ESS	EARTH AND SPACE SCIENCE
TITLE	MS-ESS3	Earth and Human Activity
		Students who demonstrate understanding can:

PERFORMANCE EXPECTATION	MS-ESS3-3	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.

PERFORMANCE EXPECTATION	MS-ESS3-4	Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.