



# **Sustaining the World with Smart Farming**

*Student Activity*

# The Futuristic Farm



What are your thoughts about what these pictures show?

# What is Smart Farming

**Can you guess how technology can help farmers grow food better?**



# Smart Farming Technologies



*Drones*



*Smart  
Sensors*



*Robo-farmers*



*Artificial  
Intelligence*

**What do you think these technologies can do for farmers?**

# Video on Smart Farming Technologies



Watch video: [Revolutionizing Agriculture](#)

What surprised you the most? Why?



# Hands-On Activity - Design your own SMART FARM!

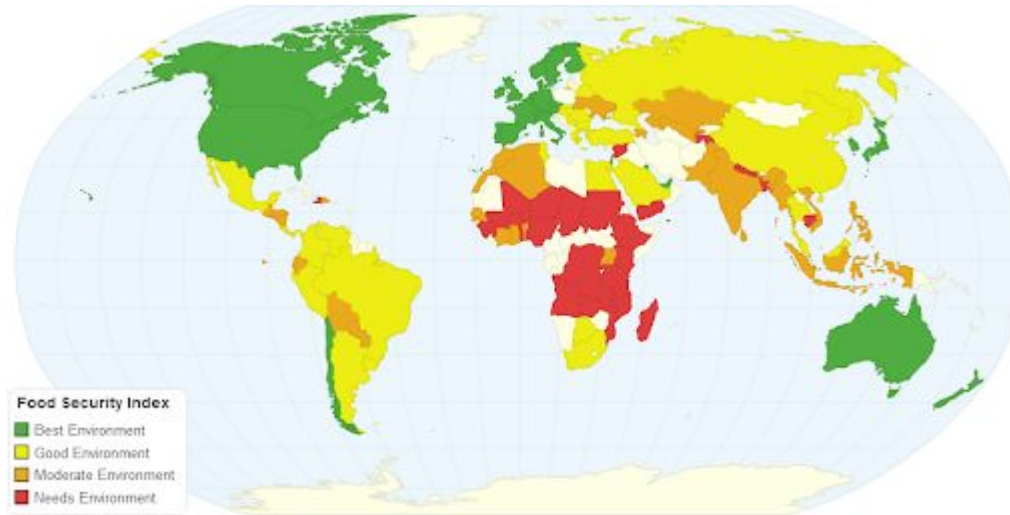
*It's time to design your own Smart Farm!*

Use any material you can have access to and build a smart farm prototype



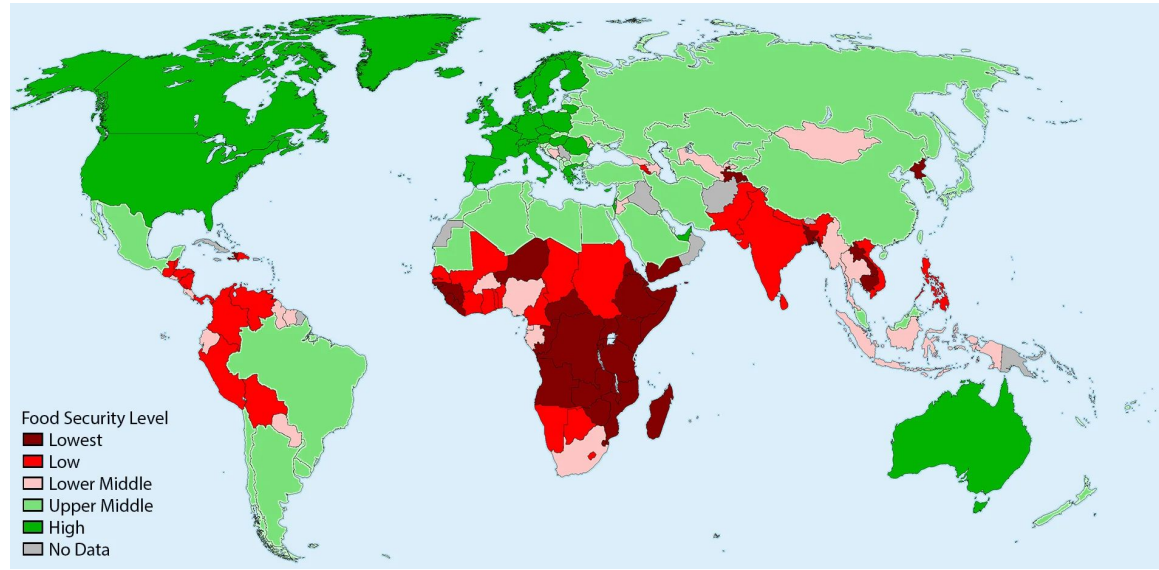
# Global Food Challenges

If you could send one technology to these farmers, what would it be? Why?



# Case Study: Smart Farming in Action!

How do you think smart farming can help in countries facing food shortages?





# Community Research and Action!

- What can you do in your community to help conserve water or improve farming?
- How can you use technology to help your local farmers?



# Inspirational Quotes



*The future of agriculture is knowledge-intensive, not land-intensive.*

- Norman Borlaug

*The greatest threat to our planet is the belief that someone else will save it.*

- Robert Swan

*The Earth provides enough to satisfy every man's needs, but not every man's greed.*

- Mahatma Gandhi

# Key Takeaways



What's one thing you have learned through this lesson?

# It's Time to Take Action!



Think of **one thing to do in the next month** to support sustainable farming in your community (e.g., conserve water, grow a plant, research smart farming technology)

# Thank You!

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