

DESIGN A DESKTOP GREENHOUSE



PROBLEM:

Fruits and vegetables have certain growing seasons and cannot be grown year round because of decreased temperatures and hours of daylight.

CHALLENGE:

Design a small greenhouse that can grow plants all year round.

QUESTIONS TO CONSIDER:

- What shape is best for the plants you want to grow?
- What if the temperature gets too hot inside your greenhouse?
- How will you water your plants once they're inside the greenhouse?

<u>'Suggested Materials</u>

- Clear plastic cups
- Plastic wrap
- Popsicle sticks
- Tape or glue
- Paper
- Other recycled materials
- LED lights and coin cell batteries ,



<u>FUN Fact</u> Illinois ranks #3 in the nation for the number of farmers markets!



BEHIND THE SCENES:

Greenhouses allow growers to create ideal growing conditions for their plants to thrive. This is called "protected culture." Growers are able to adjust how much water plants get, as well as the temperature, humidity, and air flow to customize growing conditions for certain types of plants.