

NAME: _____

Aligned to the following standards:
FFA.PL-A; FFA.PL-C; FFA.PL-E; FFA.PL-F; FFA.PG-I; FFA.CS-M;
CCSS.SL.9-10.1; CCSS.SL.9-10.2; CRP.04; CRP.10

Repurposing Pallets

DIRECTIONS:

Answer the questions below as you watch the video "Giancarlo Lomanto – SAE – Pallet Planter." The video is available at <https://vimeo.com/300298509>.

What is Giancarlo's SAE?



Circle the area of agriculture that best fits this SAE.

Agribusiness	Food Products & Processing
Animal	Natural Resources
Biotechnology	Plant
Environmental	
Power, Structural & Technical	

Why did you choose this area of agriculture?

What tools and materials are needed for Giancarlo's project, including personal protective equipment (PPE)?

Why did Giancarlo start this project?



Why is wearing personal protective equipment (PPE) so important?

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Repurpose for Beauty

DIRECTIONS:

Part 1: Utilize the space below to design your own pallet planter. Include measurements and a key that lists what each item on the plan represents.

Typical size of a pallet: 48" x 40"

Typical row spacing: This depends on the plants you choose.

Part 2: Now that you have your pallet planter design, choose which plants and other materials you need for your planter. List your materials in the space below and price them.

Material	Quantity	Unit Cost	Total Cost
Pallet (48" x 40")		18.00	

Part 3: If you have the resources, construct your pallet planter.

In what other situations could you utilize the skills learned?

Why is repurposing important?