

QUARTER 1 PLANNED PROJECTS



HARMONY
JUNQUILLAL, COSTA RICA
www.HarmonyEducation.net

DECOMPOSER GRID

- To bring decomposers to repair the soil.
- Assemble 3x3 grid (1 row mulch, 1 nothing, 1 PVC tube with organics)
- Skills & Concepts: Construction, Soil Care, Mathematics



LAND SURVEY

- Assess available land for planting and projects
- Draw a scaled down map of the school property to show landmarks & identify trees
- Skills & Concepts: Mathematics, Tree & Plant Identification



RAIN COLLECTION SYSTEM

- Store & use water for gardens.
- Install gutter and tube to collect rain in a barrel.
- Skills & Concepts: Mathematics, Microbiology



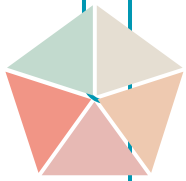
TAKE HOME GARDENS

- Take home and care for an edible plant
- Construct a container to propagate spinach or leafy green
- Skills & Concepts: Nutrition, Plant Care, Construction, Mathematics



GARDEN OF SHAPES

- Build raised bed gardens into shapes
- Construct using proper angles to create shapes. Plant & maintain garden.
- Skills & Concepts: Mathematics, Plant Care

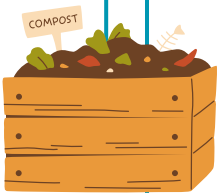


PLAYGROUND EXPANSION

- Expand our community nature playground
- Design and construct new elements in our play space.
- Skills & Concepts: Mathematics, Construction, Architecture

COMPOST BINS

- Design and construct more compost bins
- Build compost space for the community to utilize to create soil
- Skills & Concepts: Mathematics, Soil Care, Microbiology, Construction



HYDROPONIC SYSTEM

- Design and build hydroponic system to grow leafy greens
- Create organic nutrient solution, compare growth to soil growing plants
- Skills & Concepts: Construction, Microbiology, Mathematics, Nutrition, Plant Care



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