PLAY GREEN

TEAM PLAY

FLUXATHON SPRING 2023

Hello.
We Are...

Nina & Lane

According to a 2020 survey conducted by The Nature Conservancy,

only 5% of American children between the ages of 6 and 12 **learn about the environment** and conservation in school on a daily basis.

A report from the Robert Wood Johnson Foundation found that,

If current trends continue, more than **57% of today's children** in the United States **will be obese** by the time they reach age 35.

How Might We...

educate children on sustainable energy?

help to reduce child obesity rates?

create an engaging community building experience?

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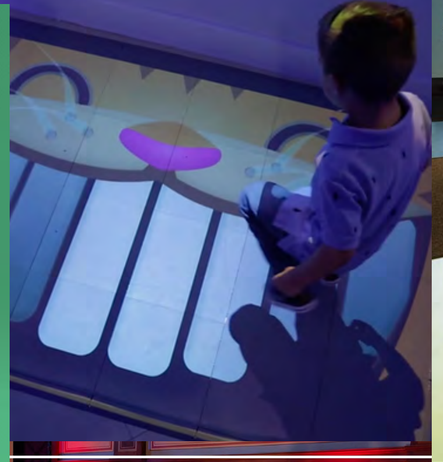
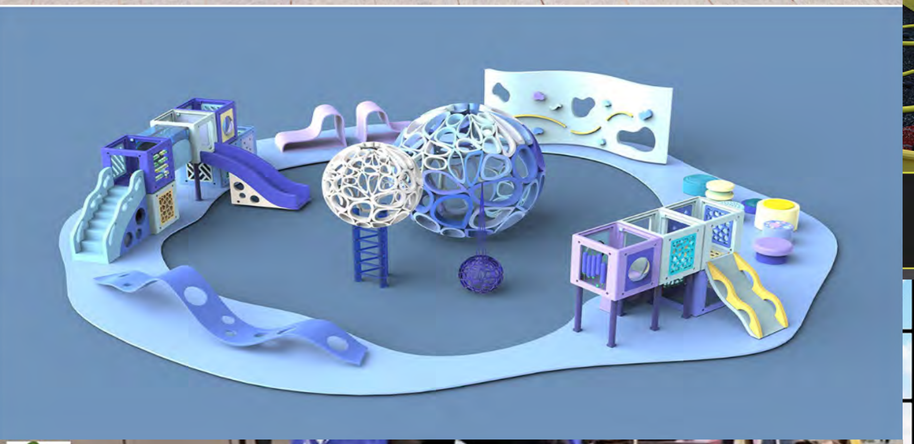
PLaY



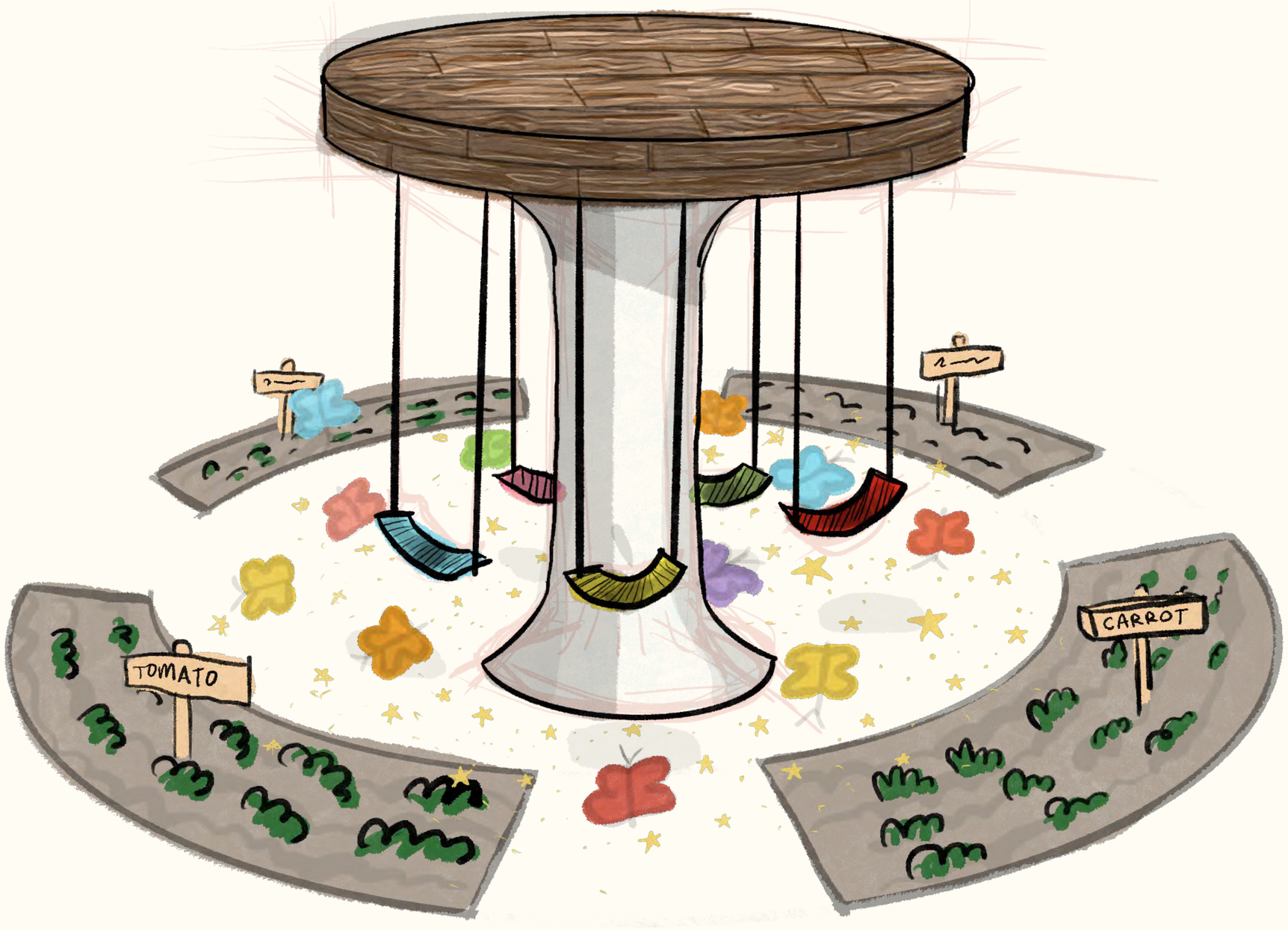


PLaY

Helped eliminate waste from
00124668
disposable plastic bottles

PLAY GREEN

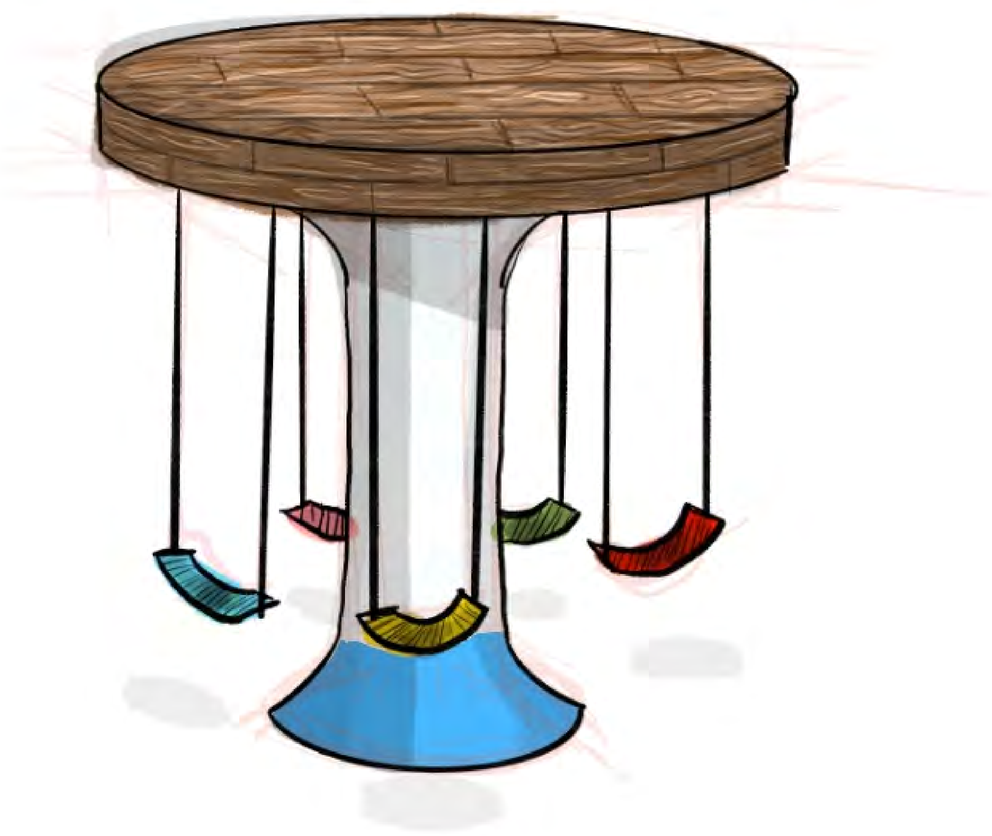
playtime that powers the planet

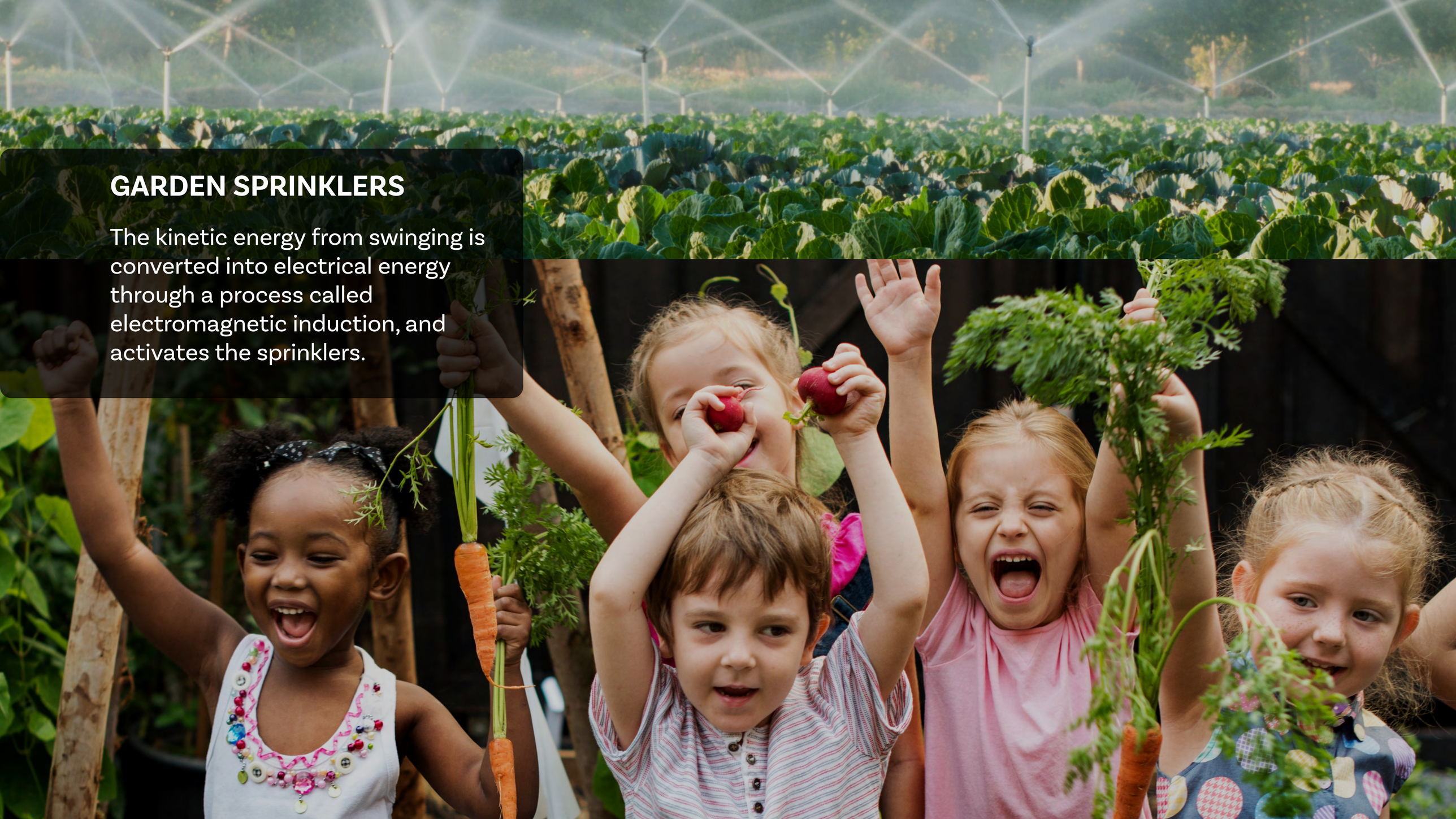

TOMATO
CARROT

PlayGreen is a unique playground that offers children an eco-friendly adventure.

Its **swings generate kinetic energy** that powers the sprinklers and activates lights and music.

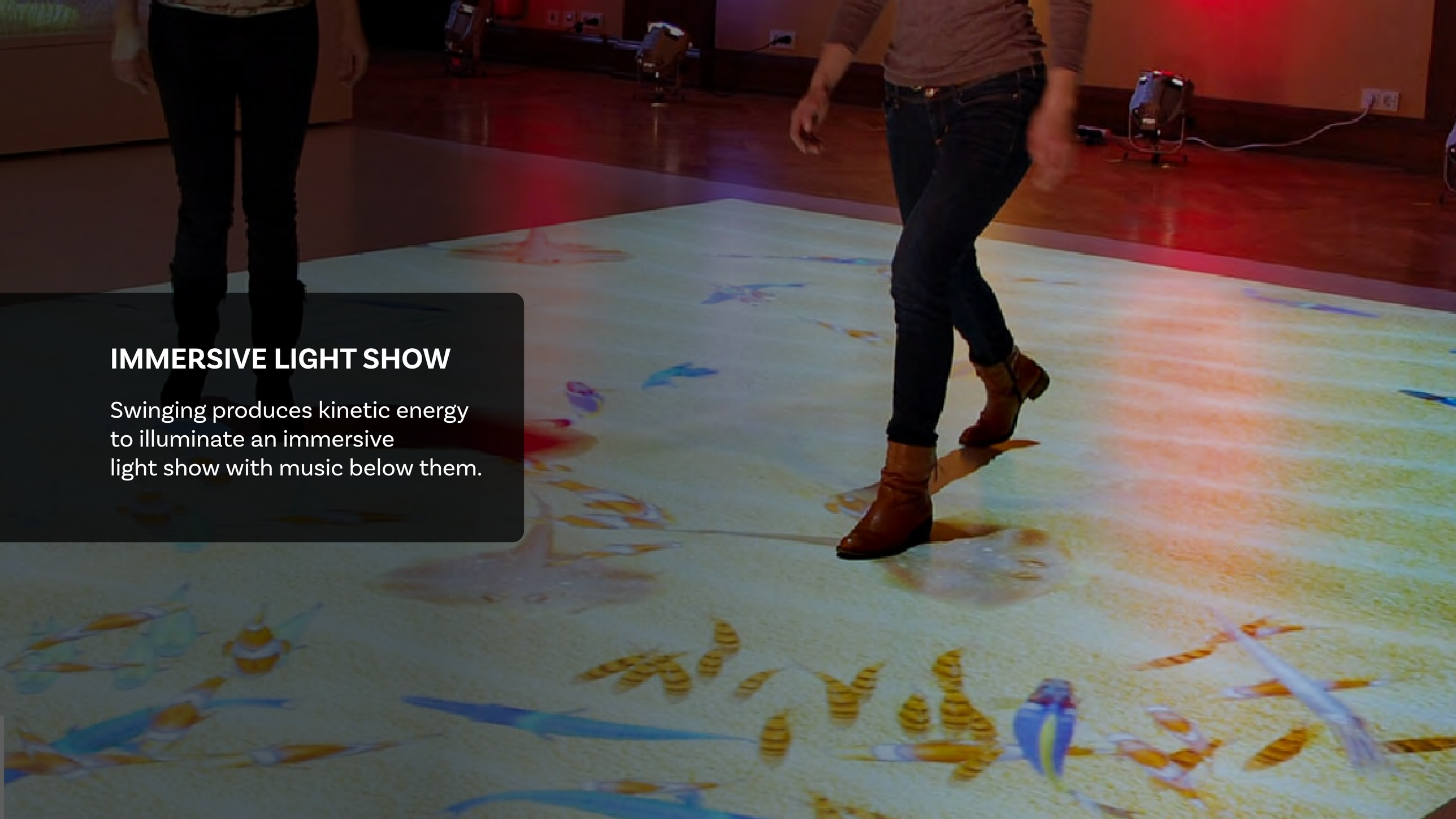
The combination of fun and physical activity encourages water conservation and promotes sustainability while nurturing the garden, providing a holistic and engaging experience for kids.





GARDEN SPRINKLERS

The kinetic energy from swinging is converted into electrical energy through a process called electromagnetic induction, and activates the sprinklers.



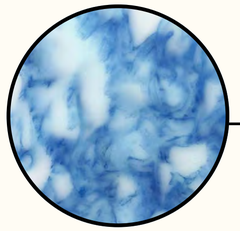
IMMERSIVE LIGHT SHOW

Swinging produces kinetic energy to illuminate an immersive light show with music below them.

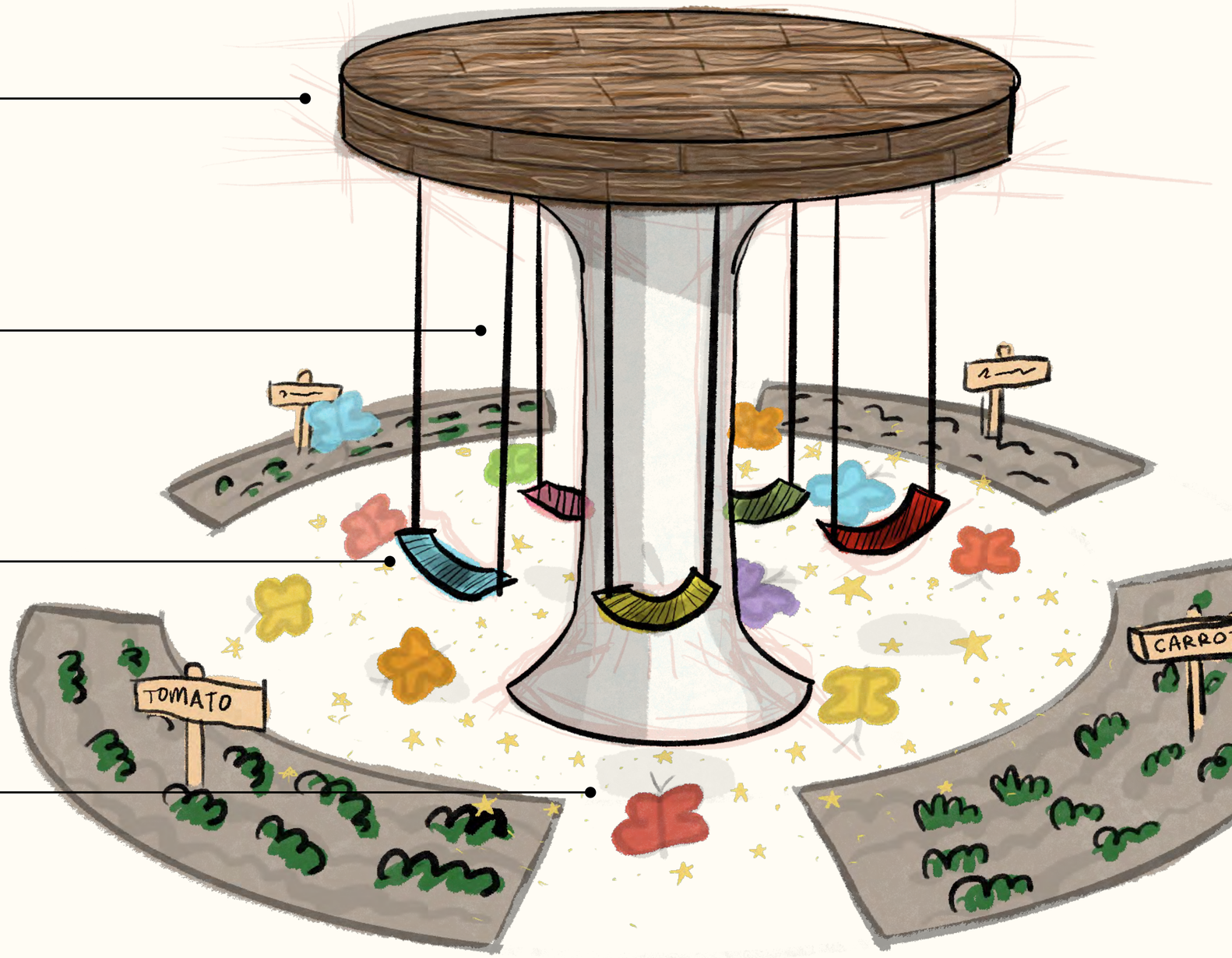
FSC-CERTIFIED WOOD
Swing Structure

RECYCLED TIRE CHAIN
Swing chains

RECYCLED PLASTIC
Swing Seats



RECYCLED CORK
PlayGreen Ground



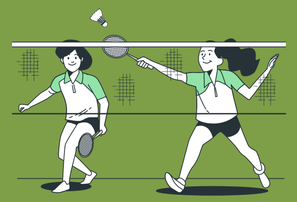
PLAY GREEN

circle of life

playground installation in elementary schools

teachers initiate “PlayGreen nutrition lessons” and begin to plant seeds in their new garden

children generate power through exercising on the playground



50% of power generated rewards students (by activating sprinklers to water plants, as well as fun music and lights in the playground)

children get to taste what they grew in their garden & become more educated on nutrition

school system earns back $ from remaining 50% of power generated

this $ can be used to fund additional playground equipment

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Thank You!