

GARDEN OF DYEING PLANTS

INTEREST OF A TEACHER

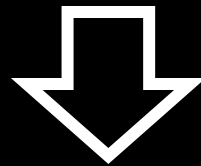
COLORS



ART



NATURE



UNION OF THE 3 THINGS

IDEA SUBMITTED TO THE DEPARTMENT



AUTHORIZATION FROM THE ADMINISTRATION

TEACHER ART WORKSHOP

+

TEACHER ARCHITECTURE

+

LANDSCAPE EXPERT

+

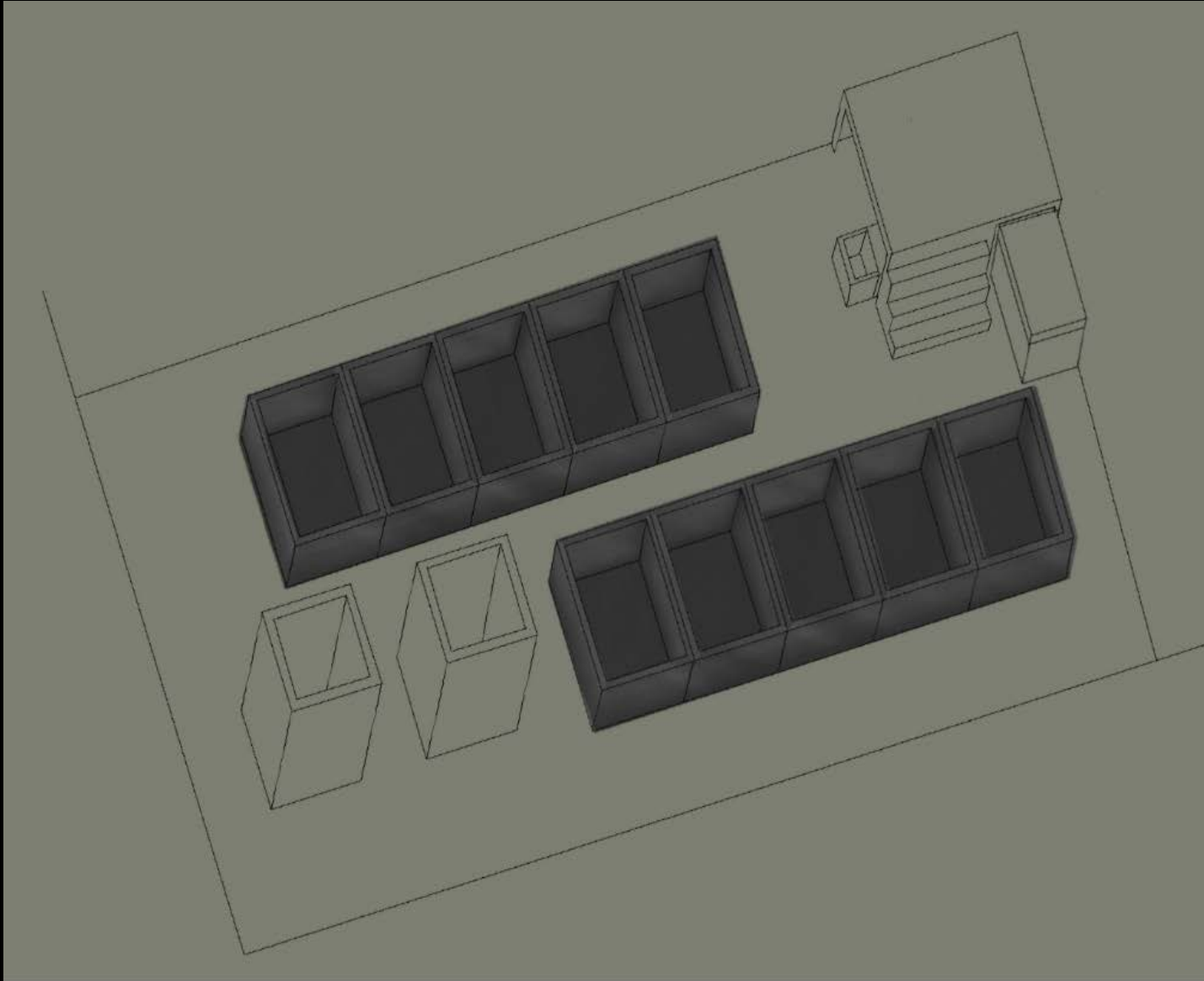
2[^] YEAR

ORGANISED IN TEAMS

(4 STUDENTS EACH)



STUDENTS' PROPOSALS



- Misura: 100x100x97 cm
- Materiale: legno, da trattare e verniciare
- Da comprare online
- Spedizione: gratuita in 8 giorni
- Quantità: 2 pezzi



Queste due vasche saranno utilizzate per gli alberi da campeggio date le dimensioni e la quantità di terra che serve.

158.99€ x 2

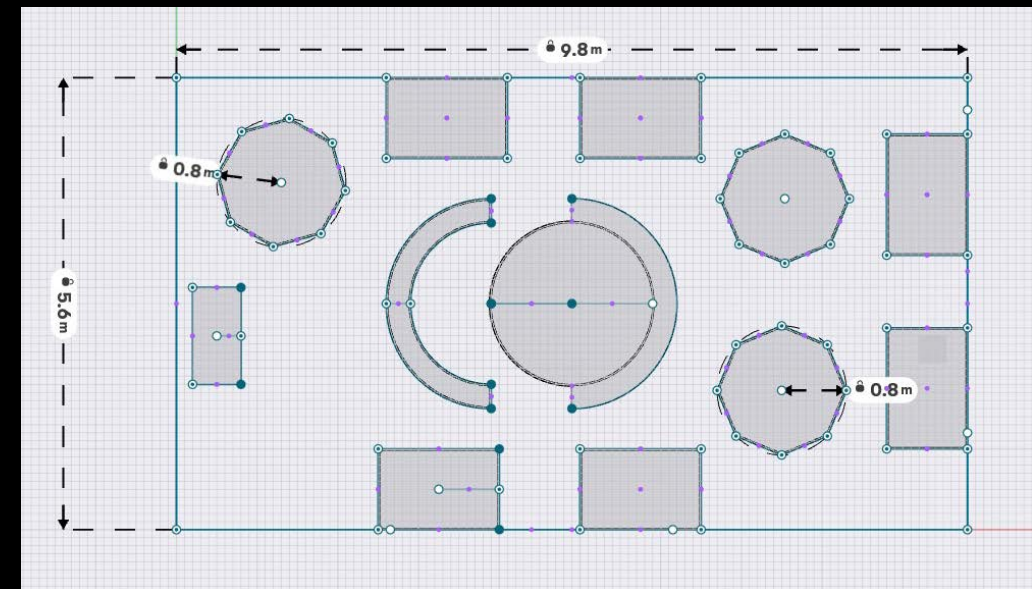
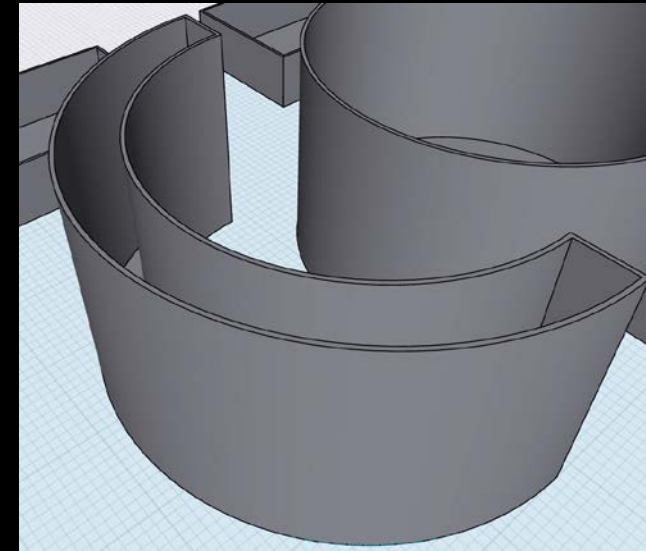
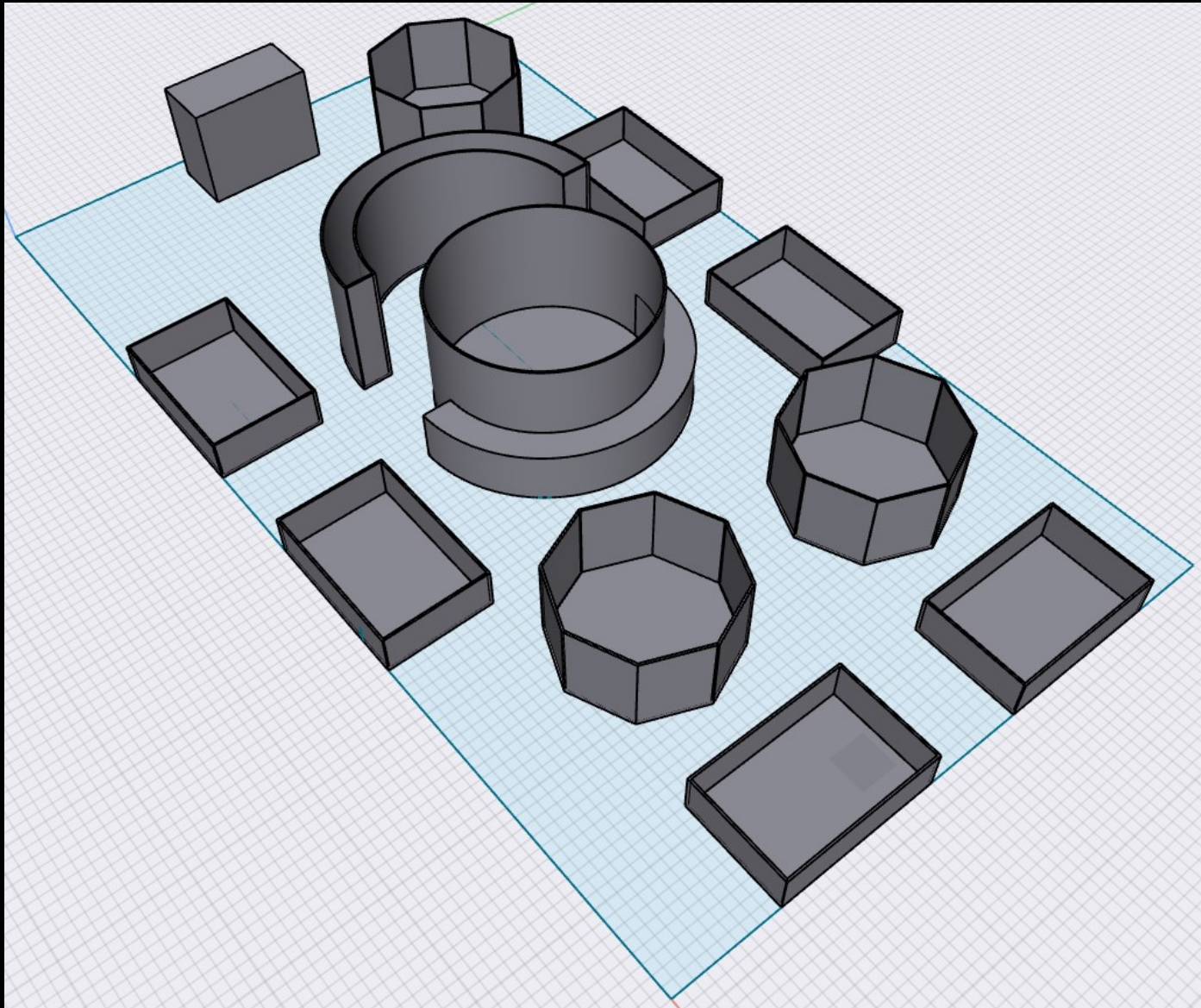
- Misura: 150x100x40 cm
- Materiale: legno, da trattare e verniciare
- Da comprare online
- Spedizione: gratuita in 8 giorni
- Quantità: 10 pezzi



Queste dieci vasche saranno utilizzate per tutte le piante tintorie, in base alle caratteristiche della pianta verrà inserita una certa quantità di terra e di vario tipo. Le vasche sono divise per non mischiare i tipi di terra.

50.99€ x 10

STUDENTS' PROPOSALS



Via Angelo Maj, 35 A Bergamo

Rooftop wellness garden



Power by

ECOOD

Rooftop Wellness Garden

Posizionato sul tetto della **Scuola d'Arte Andrea Fantoni** in via Angelo Maj 35 A a Bergamo, **Ecood** è un luogo semplice, moderno e soprattutto ecologico creato con l'obiettivo di regalare un area verde alla scuola.



ECO + WOOD + GOOD

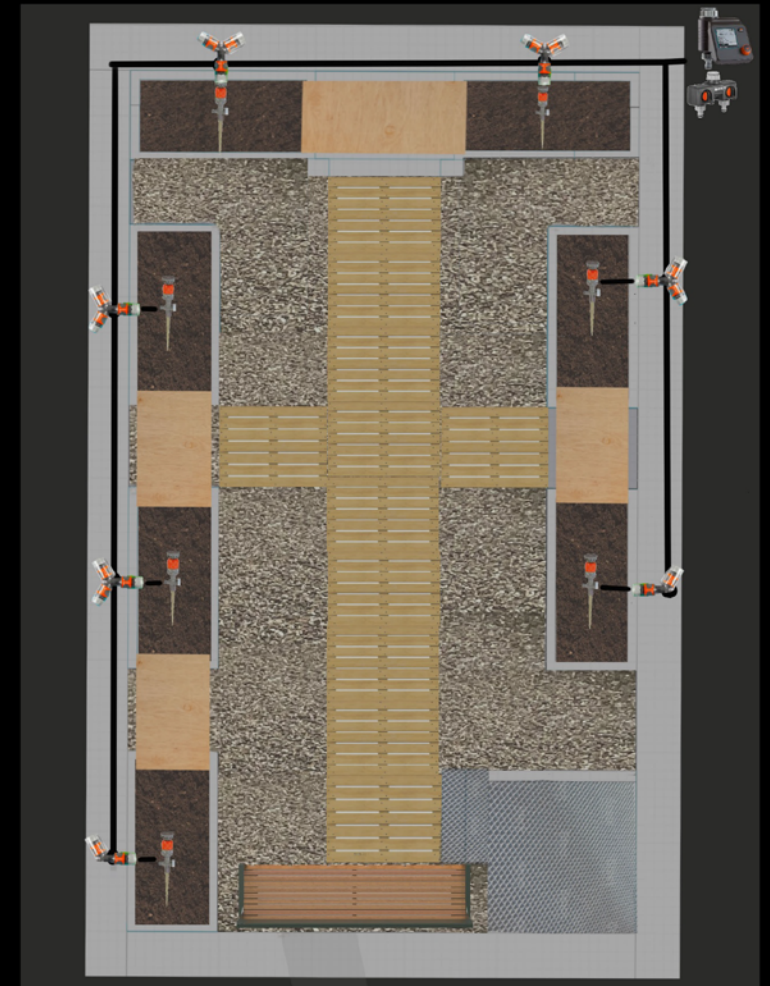
La sostenibilità di Ecoood

Le scelte che hanno guidato la progettazione del nuovo giardino sono tutte rigorosamente **orientate alla sostenibilità**. L'attenzione ad una funzionale gestione delle risorse nel rispetto dell'ambiente e alla **promozione di una relazione virtuosa e sinergica** con il contesto.



Power by
ECOOD

Rooftop Wellness Garden



Power by

ECOOD

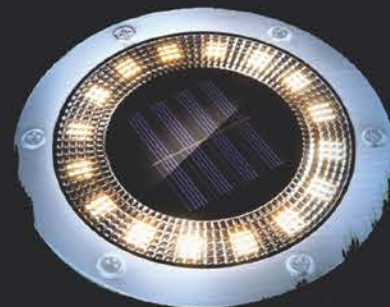
Rooftop Wellness Garden

Prezzo e prodotti

Prezzo con prodotti + irrigazione: **€4700 circa**



gardeners
dream
PERLITE

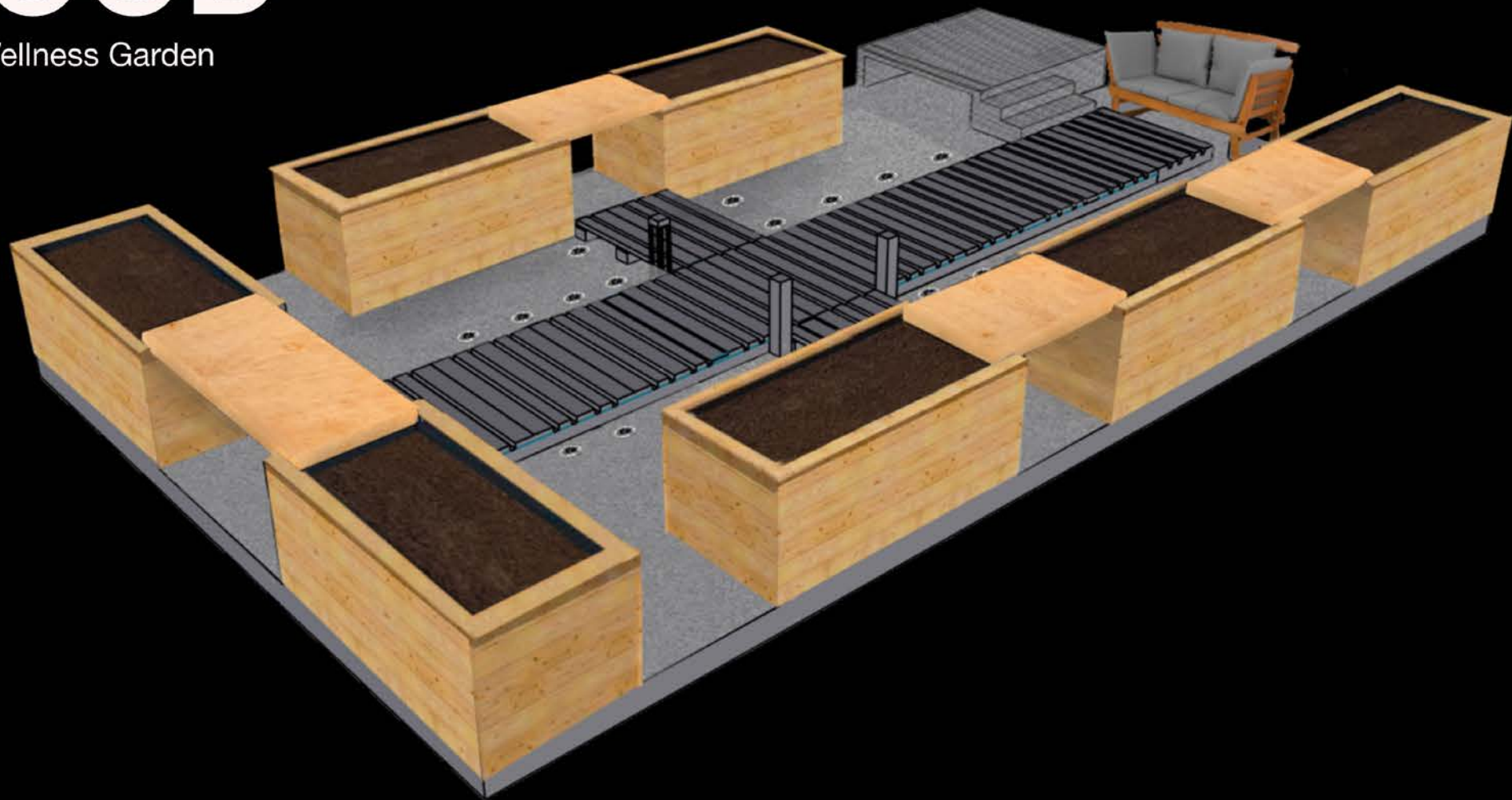


Power by
ECOOD
Rooftop Wellness Garden

Prezzo e prodotti

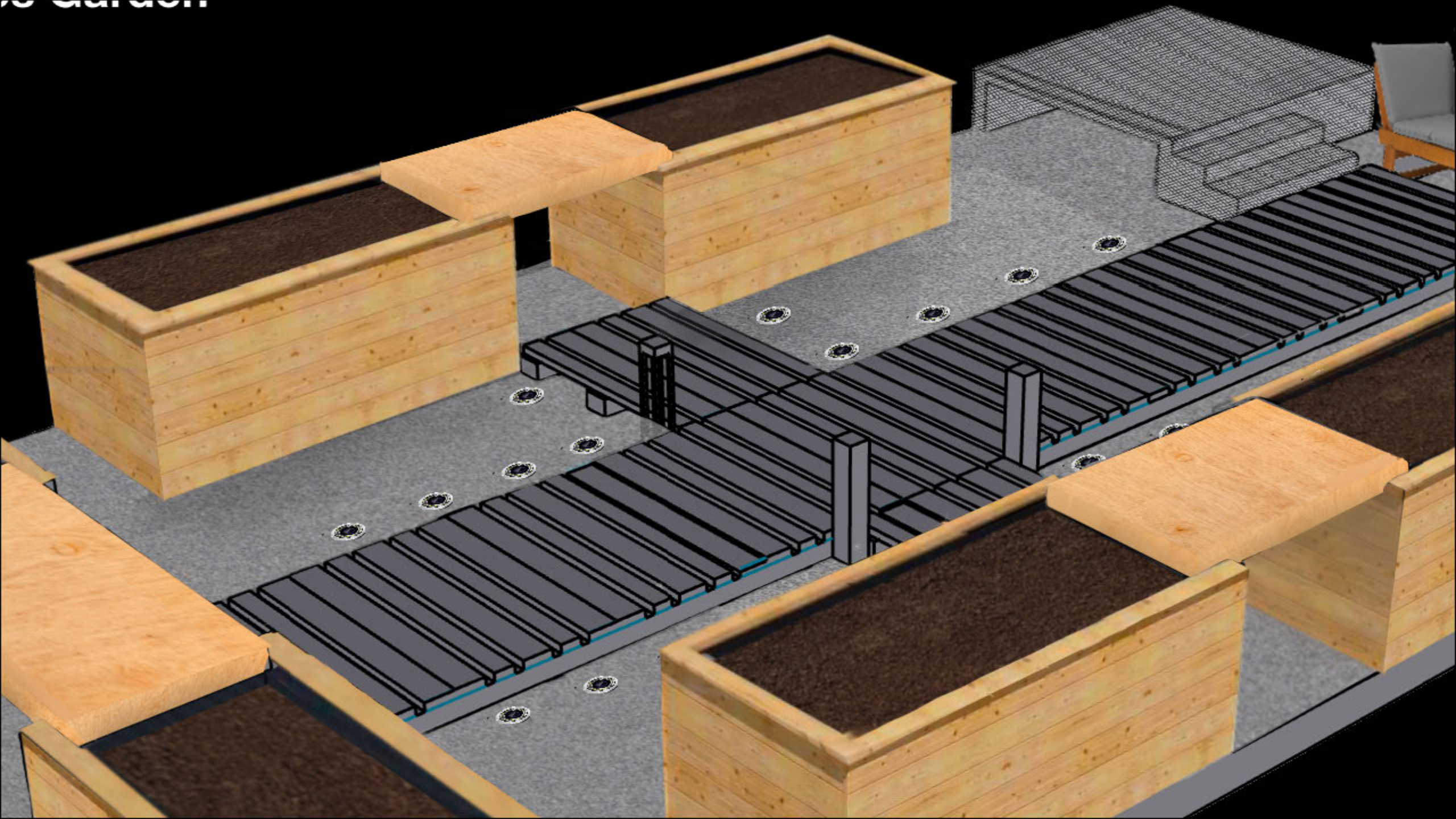
Prezzo con prodotti + irrigazione: **€4700 circa**





Progetto orto ecologico a.s 2021-2022

Baroni, Cuter, Fassi, Rodolfi, Zanda



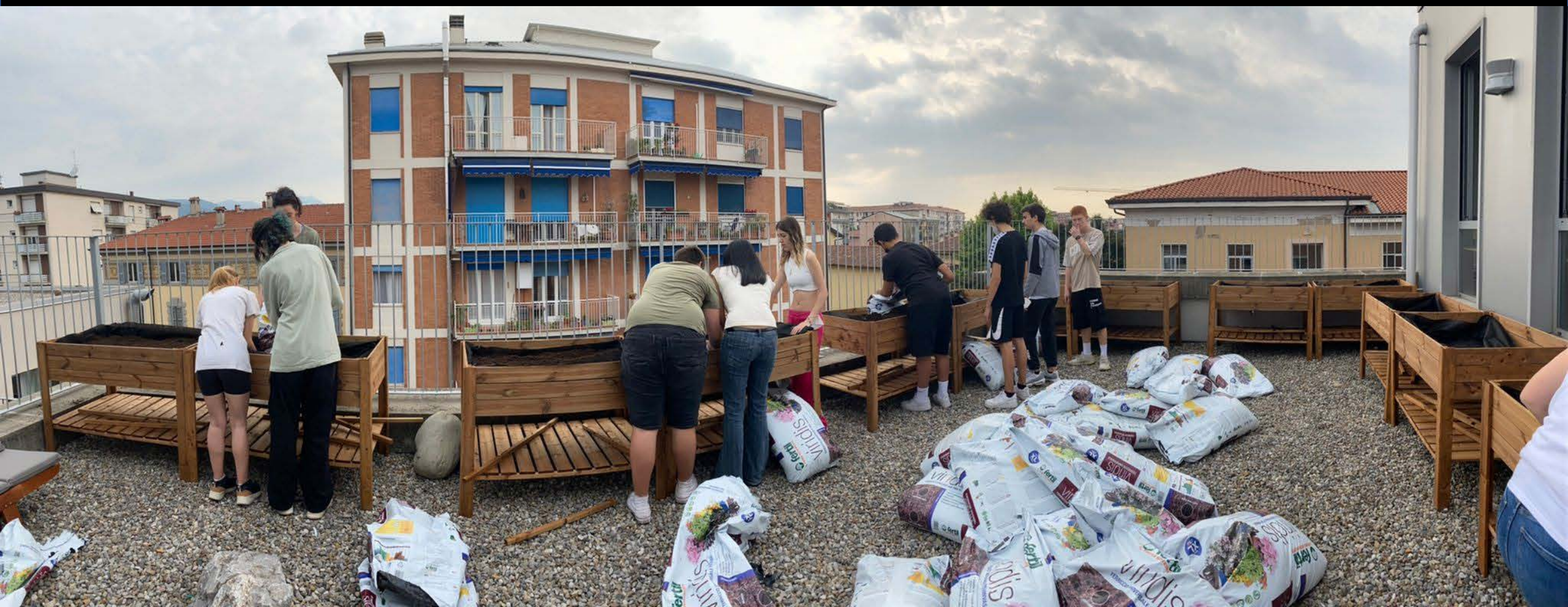
CONSTRUCTION OF CONTAINERS



INSTALLATION ON THE TERRACE









PLANTING





FIRST SUMMER



OPENING



CRITICITY

NO WOODEN CONTAINERS

TOOL CONTAINERS

ANTI-HAIL

SUGGESTIONS

TREES FOR BARK

BENCH FOR MEDITATION

LET THE JANITORS KNOW YOU
NEED THOSE DRY PLANTS... DON'T
THROW THEM AWAY



OPERATIONAL TECHNICAL SHEETS



	SOWING	GROUND	TEMPERATURE	FLOWERING	EXPOSURE	FERTILIZATION	WATERING	HARVEST
COTINUS COGGYGRIA SCOTANO	Spring Autumn	Soil + sand	Resistant to cold and hot temperatures	July September	Full sun	Organic or granular in spring	Occasional	All year
ISATIS TINCTORIA	Autumn for seeds Spring for leaves	Soil + Sand. Better if deep ground	Also suitable for cold climates	From May to July	Full sun	Little fertilizer, the soil needs to be hoed	Requires little water	End of June for seeds
RESEDA LUTEOLA	April, May	Soil + sand	Drought resistant	July, August, Sptember	Full sun	Little fertilizer	It requires little water, it fears water stagnation	End of July

	SOWING	GROUND	TEMPERATURE	FLOWERING	EXPOSURE	FERTILIZATION	WATERING	HARVEST
COREOPSIS TINTORIA	From March to May (seeds mixed with sand)	Soil + sand	Loves warm climates, but can tolerate both hot and cold climates	June July August	Full sun	Not necessary	Limited	From July to October
DYERS' CHAMOMILE	From March to June	Soil + sand	Mediterranean temperatures	Summer Autumn	Full sun	Every 4 weeks	Every week	Fron June to August
RUBIA TINCTORUM	From March to May	Soil + sand	Beware of very cold temperatures	From March to May	Full sun	Seasonal	Every week	September after the third year
CALENDULA	Spring Autumn	Soil + sand	Mediterranean temperatures	End of spring to Autumn	Sunny orpartly sunny	4-6 weeks	Every week	From Junt to August

	DEPTH	DISTANCE	GERMINATION	EXTRACTION METHOD	COLOR	PIGMENT	TYPE OF PLANT
	1 cm	20 cm	20 days	Hot Cold Maceration Fermentation	Purple	Tannin	Perennial
	1 cm	30cm	15-20 days	Fermentation	Blue	Indigotine	Biennial
	0 cm	40 cm	1-4 weeks	Hot (boiling)	Yellow	Luteolin	Perennial
	Surface	50 cm	4-6 days	Drying (harvesting first year of age)	Red Orange	Anthocyanin	Perennial

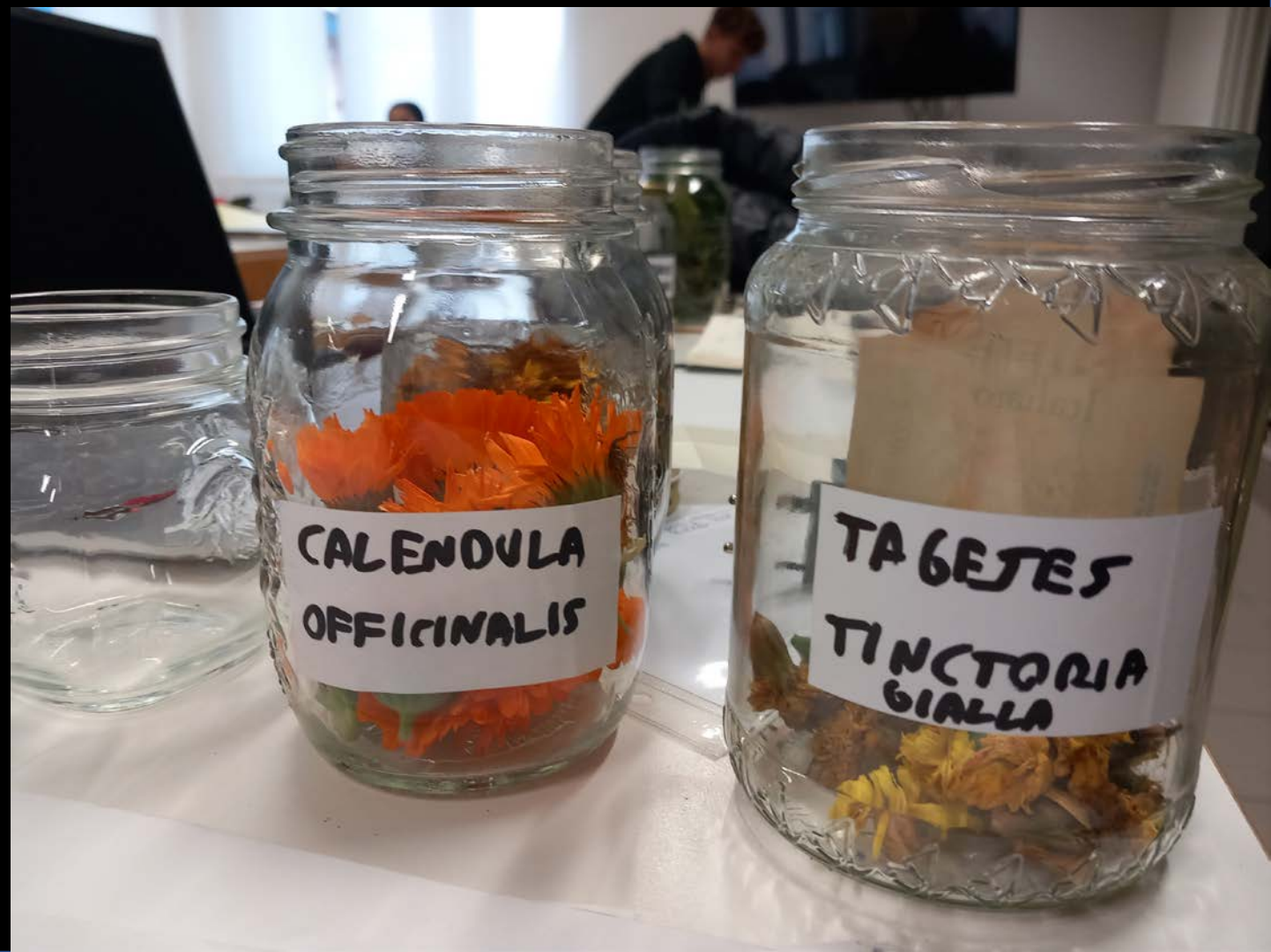
	DEPTH	DISTANCE	GERMINATION	EXTRACTION METHOD	COLOR	PIGMENT	TYPE OF PLANT
	Surface	30-50 cm	1 o 2 weeks	First maceration and then boiling	Yellow	Luteolin	Perennial
	4-6 cm	From 3 to 6 cm	15 or 20 days	Crush the fresh rhizomes and then macerate for 10 hours	Red Orange	Carotenes and Flavonoids	Perennial
	1 cm	15-30 cm	4 weeks	Color Dehydration and Crushing	Ochre and light shades of green	Carotenes and Flavonoids	Perennial

HARVESTING - Dyers' chamomile & Madder dyeing



HARVESTING - Dyers' chamomile & Coreopsis tinctoria





ARTISTIC ACTIVITY - Natural colors



The background of the slide is a photograph of a garden. It features a dense carpet of low-growing plants with small, vibrant purple flowers. Interspersed among these are some taller, darker plants with large, dark blue or black leaves. The overall scene is a lush, colorful garden bed.

**Thank you
for your attention**

Garden of dyeing plants

Teachers Alessandra Burini & Diana Conte