



REALign Learning Pedagogy™

Early Childhood / Early Years Subject Knowledge

“REALign Learning: Reimagining Education for a Regenerative World”

From
The Sustainables Academy

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A dynamic, purpose-driven pedagogy for global Earth stewards

REALign stands for:

Relationship-Centred

Experience & Explore

Authentic

Lifescape Awareness

ign – to reimagine, to align, to ignite sustainable futures



REALign Learning for Early Childhood (Ages 3-5)

**Subject-Aligned Framework with
Knowledge Content for Global Earth
Stewardship**



English (Language & Literacy)

Subject Knowledge Content:

Listening and responding to stories and poems

Vocabulary development through conversations and play

Role-play and early storytelling

Scribbling, drawing, mark-making, and early writing

Developing phonological awareness through rhymes and songs

REALign Focus:

Storytime with eco-themed picture books (e.g., seasons, animals, recycling)

Acting out “helping the Earth” stories or characters

Labeling nature drawings (sun, tree, water, bee)

Singing sustainability rhymes (“Reduce, Reuse, Recycle”)



Mathematics (Numeracy)

Subject Knowledge Content:

Sorting and classifying by size, colour, shape

Counting objects and actions in play

Recognising simple patterns and sequences

Exploring measurement: big/small, heavy/light, full/empty

Describing position (under, over, next to)

REALign Focus:

Sorting leaves, stones, or shells by shape or colour

Counting how many bottles are recycled in the class

Using nature objects to make AB patterns

Estimating how much water fits in different containers during water play



Science (Including Earth Science)

Subject Knowledge Content:

Exploring natural materials (water, mud, sand, leaves, rocks)

Observing weather, seasons, and simple changes

Learning about animals and plants in the local environment

Using the senses to investigate textures, sounds, smells

Asking simple “what happens if...?” questions

REALign Focus:

Making mud pies, planting seeds, and watching them grow

Playing with shadows or wind ribbons to explore light and movement

Exploring what sinks or floats using natural items

Weather walks and puddle jumping to experience rain and seasons



Social Studies (Geography, Culture, History)

Subject Knowledge Content:

Knowing their own place: home, classroom, local area

Understanding routines and simple maps (e.g., classroom, garden)

Exploring family traditions, dress, and celebrations

Noticing similarities and differences between people and places

Learning how people help each other and the planet

REALign Focus:

Making a “my special place” map of home or garden

Celebrating Earth Day with traditions from different countries

**Creating a class “Earth Helpers” job
chart (e.g., light switcher, plant carer)**

**Storytelling about homes around
the world and the environments they are in**



Citizenship (Personal, Social & Emotional Learning)

Subject Knowledge Content:

Recognising and naming feelings

Learning to share, take turns, and care for others

Understanding class routines, rules, and fairness

Beginning to take responsibility for personal and shared spaces

Learning about kindness and helping living things

REALign Focus:

Role-playing how to take care of the Earth (e.g., pretending to clean up the beach)

Daily class eco-habits (water monitor, compost collector)

Talking about “how the Earth feels” if we litter or pollute

Circle time to discuss emotions connected to animals, plants, and people



The Arts (Visual Art, Music, Dance, Drama)

Subject Knowledge Content:

Exploring colour, shape, texture using various materials

Expressing ideas through music, sound, and movement

Using role-play and puppets to tell stories

Responding to music, stories, and visual art from various cultures

Creative mark-making and collaborative group art

REALign Focus:

Using leaves and natural objects for printing and collages

Performing “weather dances” or animal movement games

Singing global songs about the environment or seasons

Making puppets for stories about Earth Stewards or animals in need

Physical Education & Health and Wellbeing

Subject Knowledge Content:

Developing gross and fine motor skills through movement and manipulation

Learning body parts, hygiene habits, and healthy routines

Playing safely in group settings

Developing spatial awareness and coordination

Recognising how being in nature supports wellbeing

REALign Focus:

Nature obstacle courses, tree climbing, or forest trails

Practising mindfulness through “tree pose” or “cloud breathing”

Playing “clean up the planet” movement games

Exploring healthy eating through garden-based or sensory food play



Summary: REALign Learners Aged 3–5 Will...

- ✓ Build early emotional, cognitive, and physical skills through nature play**
- ✓ Develop empathy and routines of care for people, place, and planet**
- ✓ Explore early literacy, numeracy, and scientific thinking through hands-on inquiry**
- ✓ Form foundational habits for global citizenship and sustainability**

