

A Unified Model for Sustainability Education

How REALign Learning Pedagogy™,
The 12 Pathways,
Subject Areas
&
the Five Es Work Together





REALign Learning Pedagogy™ – The Learning Heartbeat

REALign Element How It Supports Sustainability Education Relationship-Centred

Builds empathy, collaboration, and care—for people and planet

Experience & Explore

-Encourages active, inquiry-based, real-world engagement

Authentic

Connects learning to genuine environmental and social issues

Lifescape-Aware

Grounds global citizenship in local identity, place, and culture

REALign serves as the pedagogical framework through which all subject knowledge and sustainability learning is aligned & delivered.



Subject Areas – Vehicles of Integration

All major curriculum subjects support sustainability education:

Subject Example Integration

English Storytelling on climate action, persuasive writing for change

Mathematics Data on emissions, resource consumption graphs, eco-calculations

Sciences Climate systems, biodiversity, renewable energy experiments

Social Studies History of conservation, geography of ecosystems, cultural sustainability

The Arts Eco-drama, recycled sculpture, nature-inspired music

Citizenship Human rights, community action, political engagement

PE & Health Nature-based movement, wellbeing from outdoor learning, food literacy

**Each subject area becomes a pathway for
engaging learners in purposeful, values-driven, aligned learning.**



The 12 Sustainability Pathways – Thematic Structure

These offer clear, accessible entry points for embedding sustainability:

Understanding Sustainability
Environmental Awareness
Earth Stewardship
Water & Resource Management
Energy & Emissions
Biodiversity & Ecosystems
Climate Change & Adaptation
Food & Agriculture
Global Water Conservation
Sustainable Transport & Urban Planning
Citizenship & SDGs
Outdoor Learning

Each pathway directly maps to multiple SDGs, from SDG 13 (Climate Action) to SDG 6 (Clean Water) and SDG 12 (Responsible Consumption).



The Five Es – Whole-Earth, Whole-Learner Lens

These **five dimensions** ensure we educate with balance and integrity:

E Dimension How It Integrates with **REALign** & 12 **Pathways**

Environment

All **REALign** elements promote eco-literacy and action through authentic inquiry

Ethos

Cultivates school values, responsibility, and ethical decision-making

Emotional Wellbeing

Encourages resilience, hope, empathy, and nature-connectedness

Economy

Builds financial literacy, understanding of circular economy and systems

Education

Embeds sustainability across all disciplines through **REALign** pedagogy

**These lenses ensure that sustainability education is
whole-child, whole-planet, and future-focused.**



The Impact: UN SDG Alignment

Together, these components form a complete ecosystem for sustainability education that:

- ✓ Equips learners with knowledge, values, and skills to act on the SDGs
 - ✓ Promotes global citizenship, equity, and regenerative thinking
 - ✓ Aligns with UNESCO's Education for Sustainable Development goals
- ✓ Empowers learners to become agents of change in their communities and beyond



In a world where sustainability education must be holistic, meaningful, and action-based, the **REALign Learning Pedagogy™** provides the foundation.

By embedding it into **traditional subject areas** and **Realigning** it with the **12 Pathways of Sustainability**, and connecting everything to the **Five Es**,

we create a model that is transformative, inclusive, and aligned with the **UN Sustainable Development Goals (SDGs)**.