An ALL Careers Approach to Education;
Connecting environmental / energy literacy with ALL careers

Webinar, Green Jobs Forum, Leaders in Energy
A healthy, thriving and beautiful world
Environmental Knowledge & Concern

A healthy, thriving and beautiful world
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“Environmental Careers”

A healthy, thriving and beautiful world
Environmental Knowledge & Concern

ALL Careers

A healthy, thriving and beautiful world
Overview: The ALL Careers approach makes *explicit* connections between environmental knowledge/concern and ALL careers (not just the small segment of the economy made up of “environmental careers” as presently understood).
Empower young people (especially in high school) with a solid sense of how they can contribute to the creation of a green/sustainable economy no matter their skills, aptitudes and career directions;

Inspire young people to make connections, increasingly on their own, to intentionally create a green/sustainable economy rather than leaving it to chance.
A basic environmental principle

Limiting factor
LACK OF ALL Careers approach

Goal of Sustainable Economy
Goal of Sustainable Economy

ALL Careers approach, especially at the high school level
William McDonough, Architect & designer

“Transformation of human industry through ecologically intelligent design.”
William McDonough Partners 3 Principles derived from living systems, to always use/consider:

- **USE DAILY SOLAR INCOME** - Renewable energy.

- **WASTE = FOOD** - Everything is a resource for something else.

- **CELEBRATE DIVERSITY** – diversity of place.
Net Zero Building

Carpet that is not landfilled

Compostable fabrics
Public urinals in Amsterdam
Humans are now dominant part of Earth’s Nitrogen Cycles
(Almost insignificant before World War II)
Negative Feedback Loop – a basic component of “Environmental Literacy”

Which has been expressed through metaphors and art
Professor David Orr

2015 Speech

Hot Careers in a Warming World

Careers in renewable energy . . .
But, just as important:

- Finance experts
- Artists, musicians
  - Architects
  - Farmers
- Nutrient recyclers
- Everyone, everything we do . . . .
A healthy, thriving, sustainable world involves:

- Artists, writers
- Designers
- Architects
- Engineers
- Financiers / Business
- Recyclers / Re-purposers
- Leisure Professions
- Energy
- Energy professionals
Fossil Ridge Environmental Sustainability High Club

Environmental Leadership Summit

April, 2017 / April, 2018 / April, 2019
Our aim is to translate environmental knowledge and concern into action that supports a new economy through all of our careers and activities in the future. The potential high school students hold for making changes in their own communities and the world is incredible. Our goal is to deliver a message of inspiration and hope.
LACK OF ALL Careers approach

Goal of Sustainable Economy
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ALL Careers approach, especially at the high school level
Martin Ogle

720-612-0506

Martin@EntrepreneurialEarth.com
Entrepreneurship and its Moment in Human Progress
A Blueprint For Environmental Literacy

Educating Every California Student In, About, and For the Environment
One of several career-related goals from the California Environmental Literacy Blueprint


‘Establish a state-level advisory council that provides common messaging across the state regarding the value and importance of environmental literacy to formal education and career readiness.’