School Grounds for Learning
Tying Curriculum to the Outdoors
学びのための校庭
屋外へカリキュラムを繋ぐ

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九州工業大学

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Shari L. Wilson
Ecologist and Environmental Educator
Project Central
Kansas City, Kansas USA
ジャリー・ウィルソン
生態学者・環境教育者
プロジェクトセントラル
カンザス市、カンザス、米国

PROJECT CENTRAL
Environmental Education is:

A learning process that increases people’s knowledge and awareness about the environment and associated challenges, develops the necessary skills and expertise to address the challenges, and fosters attitudes, motivations, and commitments to make informed decisions and take responsible action, including preventing new problems.

--1967 Belgrade Charter, UNESCO
Four Principles of EE

- Our goal as environmental educators is to move students from the first to the last, over time and in an age-appropriate manner.

- Awareness
- Appreciation
- Understanding
- Action
Awareness: Awaken Enthusiasm!

• Focus on **play and fun**
• Create **involvement**
• **Develop connections** between people and their surroundings
  “A Sense of Place”
Appreciation:
Focusing Attention on the Environment

- Deepen awareness by focusing attention on an environmental issue or concept
- Develop observational skills
- Prepare for more involved nature experiences
Understanding: Direct Experience with Nature

• Foster deeper learning and understanding
• Inspire wonder, empathy, and love for the world around us
• Promote personal revelation and artistic inspiration
• Develop an enduring connection with some part of nature.
Action: Sharing Inspiration

• Build **leadership**
• Increase **learning**
• Foster **group interaction**
• Encourage behavior that **gives back to others and the planet**
EE Instructional Strategies

- Environmental educators have many instructional strategies. These are some of the most effective:
  - Hands-on observation and discovery in the environment
  - Inquiry
  - Cooperative Learning
  - Investigating environmental issues
  - Simulations and models

- Using the school grounds is a perfect method for incorporating these strategies!
Connecting School Grounds with Curriculum: Engaging Teachers and Learners
校庭とカリキュラムを繋ぐ:
先生と学習者の取組み
School Grounds are Part of a Green School

グリーン・スクール化の一環としての校庭

Measuring the layout for a nature trail – Turner High School, USA
自然歩道の設計を考える
－米国・ターナー高等学校

Nature Scavenger Hunt – Nakai, Laos
外で探して集めよう－ラオス・ナカイ

Hands for the Environment – Lam Son School, Vietnam
環境保護の手形
－ベトナム・ラムソン高等学校
Many Schools Use Their Grounds to Teach about Waste Management

Trash Pick-Up - Parostok School, Poltava, Ukraine
ゴミ拾い
―ウクライナ・ポルタヴァ パロストク学校

Waste Audit – Cristo Rey High School, USA
ゴミ監査
―米国・クリスト・レイ高等学校

School Campus Clean-Up – Sam Son, Vietnam
キャンパスの清掃 ―ベトナム・サムソン
Science and Ecology – Turner High School, USA

Food waste recovery for composting and school gardening

Learning about water quality through storm drain marking on campus
Communications and Art
コミュニケーションとアート

Journaling – Parostok School, Poltava, Ukraine
日誌をつける – ポルタヴァ パロストク学校

Star sculpture made from plastic bottles – Starside Elementary, USA
プラスチックボトルで星形オブジェ – 米国・スターサイド小学校

“Spokespuppets” share stories about the environment – Kyiv, Ukraine
指人形が語る環境 – ユクライナ・キエフ

Puppet shows about clean water – Hazel Grove Elementary, USA
きれいな水を題材に人形劇 – 米国・ヘーゼル・グロウブ小学校
Thank you for inviting me today! I would love to hear about your projects.

お招きくださり、ありがとうございます。
皆さんの活動についても、ぜひ教えてください。

• Please e-mail me at:
  • shari@projcentral.co
  • Shari L. Wilson, Project Central
  • http://projcentral.co