







# *“Literacy and education” in a knowledge-based digital age*

## Strengths:

### Teaches 21<sup>st</sup> Century Skills

- Curiosity
- Basic, Visual, Scientific and Technological Literacy
- Global awareness and Personal Responsibility
- Interactive Communication
- Higher order thinking and Effective use of Real-World Tools

## Challenges:

### Access!

- Funding
- Educational attainment

### Professional Development

### Datasets

- Global view is remote
- Inability to obtain “data”
- Local relevance diminishes global awareness
- Cannot view both sides



## Best practices:

Field Trips combine SOS with interactive learning experiences.  
Combination of SOS and living exhibits = global awareness and personal responsibility.

Provision of 21<sup>st</sup> Century Skills within context of Standards.

SOS primer, helping engage learners at all levels.

Steward-led interactive SOS experiences.

Steward Training Program

Work with regional teachers:

- To provide professional development on science content.
- To provide the tools they need to teach.
- To provide the experiences that engage their students.
- To help evaluate the effectiveness of the education programs.

Collaborative projects with local School Dept – Citizen Schools.