

# Cape Light Compact

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# Energy Education Program

**PLUGGING  
ENERGY**



**INTO  
THE**



**CLASSROOM**

**Cape Light Compact**

# Cape Light Compact

- Marketing dollars for education outreach
- Started in cooperation with Cape Cod Cooperative Extension in 2001
- Brought in-house in 2002
- Reach all schools in our 21 town regional district (Cape Cod and MV) K-12 and beyond!

# Program Components: Energy Carnivals

- Kids teaching Kids about:
  - Energy Efficiency
  - Renewable Energy
  - Energy Science
  - Sustainability
  - Recycling
  - The Electric Grid



# Program Components: Energy Clubs

## Bourne Middle School Energy Savers

- Fall Energy Fair help
  - Educational Outreach to Elementary Schools
  - Design of Educational book
  - Grocery Bag Project
  - School Recycling initiatives
  - Solar Panel Birthday party
  - April School-wide Energy Carnival
- 
- Winners of the NEED National Middle School of the Year (finalist) and State Middle School of the Year for Energy Outreach Efforts 2005-2013



# Energy Clubs

## Chatham Middle School NEED Club

- CFL "Save a Light" Pledge Drive and Fundraiser
- "Science of Energy" demonstration for spring Teacher's Conference and Energy Fair
- Named NEED State Rookie of the Year



# Energy Clubs

## Eastham Elementary 5<sup>th</sup> Grade Energy Club

- Fall Energy Fair help
- School Recycling program
- School-wide Energy Carnival
- Named NEED State Elementary School of the Year



# Energy Clubs



**S.P.I.T.**

**Solar Power Intelligence Team  
Forestdale School 8<sup>th</sup> Grade Students**

- **Public Outreach brings better understanding of the importance of Solar PV systems**
- **Presentations at Sandwich Town Meeting, CLC Board, Town Energy Committee/CLC meeting, school classrooms grades 5-8 at Forestdale School.**



# Program Components: Teacher Training

- Winter and Spring Teacher's Workshops
- Individual School teacher support and in-service training
- Teacher's Energy Education Conference featuring workshops on various energy topics



# Teacher Training, more!

- Graduate Level Science of Energy Course for teachers
- State-wide NEED teacher workshops
- KidWind Wind Senator's training sponsorships



# Professional Education Partners

## There are many!

- **NEED** (National Energy Ed Development Project)
- **KidWind**
- **NSTA** (National Science Teacher's Association)
- **NEA** (National Energy Association)
- **Project Learning Tree**
- **Resource Action Program**

## What they do:

- Offer curriculum and materials to schools
- Offer support to teachers
- Offer training to teachers
- Offer Networking opportunities for educators
- Offer EM&V support
- Offer student recognition programs

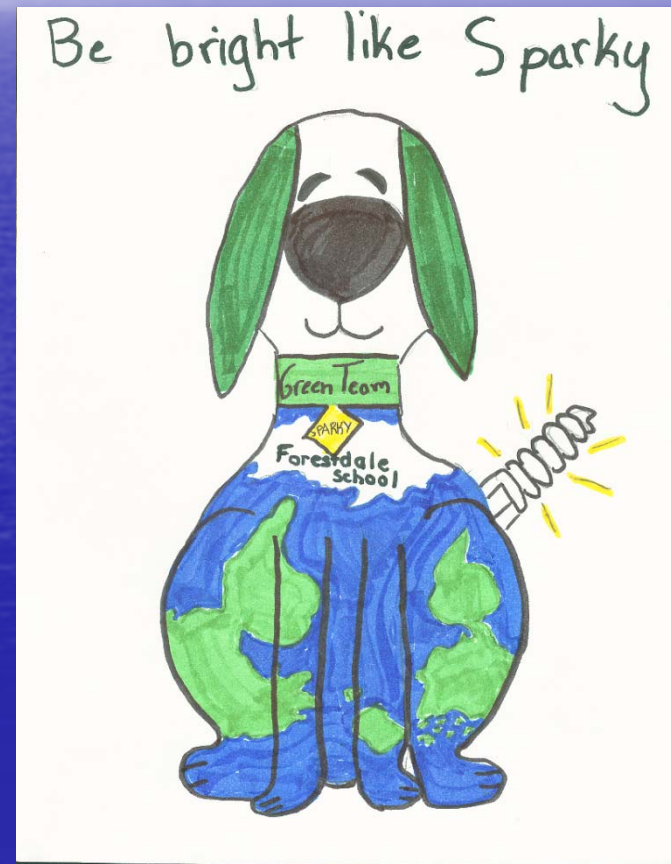
# Solarize Our Schools Program



- Bourne Energy Saver's Club SOS School PV birthday party
- Forestdale SPIT club
- Chilmark/Edgartown SOS info exchange project
- Received 2007 IREC Annual Innovation Award

# Other Projects

- CLC Sponsored Field Trips to Mirant Canal Plant and SEMass
- CLC sponsored Field Trips to MMA and MMR to see and learn about Wind Turbines



# Student Recognition Programs

- Youth Sustainability Forum
- Teacher Science Retreat
- Statehouse recognition program
- NEED Youth Awards
- MV Solar Sprint
- Wind Challenge

# You never know what you can do

## Flicker Checker

Magnetic Ballast ☺ Electronic Ballast ☺

Custodial room  
 Hallway table  
 1-2 Girls Room  
 Counselors Hallway  
 Counselors Hallway Girls Room  
 Counselors Hallway Boys Room  
 Adults Bathroom  
 Green Room  
 Gr3 Martha  
 Gr3 Ann  
 Gr4 John  
 Gr4 Jill  
 Gr5 Goodell  
 Gr5 Kelley  
 Gym

Ruth's room  
 Cateria  
 Hilary's room  
 room 109  
 room 112  
 room 113  
 room 117  
 room 120  
 Jr. High Copyroom  
 room 125  
 room 124  
 Jr. High Spanish  
 room 118  
 room 119  
 Boys Bathroom, Jr. High  
 Girls Bathroom, Jr. High  
 Teachers room Jr. High  
 Jr. High Closet  
 Jr. High Hallway  
 Office  
 Principal's office  
 Nurse's room  
 Art room  
 Computer Lab  
 Kindergarten  
 Kindergarten  
 Cubby Lights  
 Copy Room 1-2

room 336  
 room 338  
 1-2 teachers room  
 room 246  
 mechanical room  
 computer room  
 sound room  
 computer copy-room  
 Main Hallway

PRIMARY CUMULATIVE WRITING FOLDS

### Writer's Marks

Ways to make first drafts better and easier to read

**Delete** ✂  
 take out letters, words, or sentences  
 Our dog is very ~~beefy~~ *sniffy*.

**Capitalize** ≡  
 change lower case letter to capital  
 My ~~room~~ *room* next to floor.

**Caret** ^  
 add words or punctuation  
 We ~~got~~ *got* the time.

**Lower case** /  
 change capital letter to lower case  
 I ~~gave~~ *gave* it to my friend.

**Period** ●  
 add a period at the end of a sentence  
 I gave him the book ~~and~~ *and* read it together.

**Spelling** ○  
 check for correct spelling  
 All her ~~friends~~ *friends* were...

Nicole Alexander

Richard Conover

Halle D'Angelo

Hannah Elias

Conor Estes

Molly Fischer

Jesse Fogg

Writing

First sentence

One draft

What does good look like?

AS

of kind and

fourteen

based only of

of hand out

LAUREN

LAUREN

LAUREN

Taylor Rasmussen

Luke Siederholm

For More  
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