

SOLAR ENERGY

Instructional Sequence	Activity Title	Benchmarks Addressed	Instructional Resources
1	Let's Eat!	SC.4.E.6.6	Lesson Plan: Let's Eat - Solar Oven
2	KWL Chart/Solar Debate	LAFS.4.RI.1.2	KWL Chart (Pg 9) found in NEED.org link below Link in Lesson Plan: NEED.org debate info and Wind at a Glance Poster
3	Compare & Contrast	SC.4.P.10.1	Link to Compare & Contrast Worksheet
4	Vocabulary Bingo	LAFS.4.L.3.4	Link to Energy Bingo
5	Math Mania	MAFS.4.NBT.2.5	Lesson Plan Section: "Math Mania"
6	Related Web Resources:		https://www.need.org/wp-content/uploads/2019/10/WindAtAGlance_8.5x11.pdf http://www.need.org/files/curriculum/guides/energyfromthesunstudentguide.pdf

RENEWABLE AND NON-RENEWABLE ENERGY

Instructional Sequence	Activity Title	Benchmarks Addressed	Instructional Resources
1	Let's Make a Pinwheel	SC.4.E.6.3	Lesson Plan: Renewable Energy - Let's Make a Pinwheel Link to Pinwheel Observations Chart
2	Vocabulary Bingo	LAFS.4.L.3.4	Link to Energy Bingo PDF
3	Math Mania	MAFS.4.NBT.2.6	Lesson Plan Section: "Math Mania"
4	Related Web Resources:		https://www.youtube.com/watch?v=wMOpMka6PJl https://www.youtube.com/watch?v=1kUE0BZtTRc https://www.youtube.com/watch?v=RnvCbquYeIM https://issuu.com/theneedproject/docs/elementaryinfobookactivities https://need-media.smugmug.com/Graphics/Graphics/i-4fBGnfG

ENERGY INTERDEPENDENCE

Instructional Sequence	Activity Title	Benchmarks Addressed	Instructional Resources
1	Plant a Garden/Flower Power	SC.4.L.17.3	Lesson Plan: Flower Power
2	Compare & Contrast	SC.4.P.10.1	Link to Compare & Contrast Worksheet
3	Vocabulary Bingo	LAFS.4.L.3.4	Link to Energy Bingo PDF
4	Math Mania	MAFS.4.NBT.2.6	Lesson Plan Section: "Math Mania"
5	Related Web Resources:		https://www.youtube.com/watch?v=LEQqd91uWsy

FUEL AND TRANSPORTATION

Instructional Sequence	Activity Title	Benchmarks Addressed	Instructional Resources
1	Pretzel Power	SC.5.P.10.1	Lesson Plan: Link for Pretzel Power (pg. 20) NEED.org
2	PROJECT BASED LEARNING Transportation - Conventional and Alternative Fuels	SC.5.P.10.1	Lesson Plan: Link to Elementary Transportation Fuels Info Book (Familiarize yourself with the materials and activities in the booklet. Decide which activities your students will conduct.)
3	Compare & Contrast	SC.4.P.10.1	Link to Compare & Contrast Worksheet
4	Vocabulary Bingo	LAFS.4.L.3.4	Link to Energy Bingo PDF
5	Math Mania	MAFS.4.NF.3.6	Lesson Plan Section: "Math Mania"
6	Related Web Resources:		https://florida.pbslearningmedia.org/resource/nsf18-img-wind/cyberchase-wind-powered-car-activity/