

WIND ENERGY			
Instructional Sequence	Activity Title	Benchmarks Addressed	Instructional Resources
1	Wind Powered Vehicle	CTE-ENGY.68.GNRATN.04.04	Lesson Plan: Wind Powered Vehicle
2	NEED Poster Instagram Activity	CTE-ENGY.68.GNRATN.04.04	Activity: Wind Instagram Poster NEED Wind Information Sheet
3	Math Mania	MAFS.6.RP.1.3	Lesson Plan Section: Math Mania
4	Related Web Resources:		https://youtu.be/SQpbTTGe_gk https://www.youtube.com/watch?v=DILJjwsFl3w

BIOMASS ENERGY			
Instructional Sequence	Activity Title	Benchmarks Addressed	Instructional Resources
1	Introduction to Biomass	CTE-ENGY.68.GNRATN.08.01	Lesson Plan Section: Teacher Resources NEED Biomass PowerPoint
2	Class Discussion w/Guiding Questions	CTE-ENGY.68.GNRATN.08.01 CTE-ENGY.68.GNRATN.08.06	Lesson Plan Section: Guiding Questions
3	NEED Poster Instagram Activity	CTE-ENGY.68.GNRATN.08.01	Activity: Biomass Instagram Activity NEED Biomass at a Glance Poster PDF NEED Biomass Info Sheet PDF
4	Biomass Energy: Blow it Up Lab	CTE-ENGY.68.GNRATN.08.01	Lesson Plan: Blow It Up Lab
5	Math Mania	MAFS.6.RP.1.3	Lesson Plan Section: Math Mania
6	Related Web Resources:		https://www.need.org/biomassmaterials https://www1.eere.energy.gov/bioenergy/basics101/game.html

ENERGY CONSERVATION			
Instructional Sequence	Activity Title	Benchmarks Addressed	Instructional Resources
1	Paperclip Pendulum LAB	CTE-ENGY.68.GENRL.04.06	Lesson Plan: PaperClip Pendulum
2	Energy Conservation: It Cost WATT???	CTE-ENGY.68.GENRL.04.06 LAFS.6.RL.1.2	Lesson Plan: Energy Conservation...It cost WATT? (Within Lesson Plan) FPL Statement Sample (Within Lesson Plan) Side by Side FPL bills
3	Math Mania	MAFS.6.NS.3.8 MAFS.6.RP.1.2	Lesson Plan Section: Math Mania
4	Related Web Resources:		https://www.youtube.com/watch?v=JtctlfNcgN4&feature=emb_title https://www.fpl.com/rates/understand-bill.html https://www.cpalms.org/Public/PreviewResourceLesson/Preview/152500 https://archive.epa.gov/climatechange/kids/solutions/actions/clean-energy.html

CAREERS IN ENERGY			
Instructional Sequence	Activity Title	Benchmarks Addressed	Instructional Resources
1	Careers in Energy	CTE-ENGY.68.GENRL.02.05 LAFS.68.RST.3.8 LAFS.K12.W.3.9 LAFS.6.W.3.7	Lesson Plan: Careers in Energy (Research Paper/Mock Career Fair)
2	Math Mania	MAFS.6.NS.2.3	Lesson Plan Section: Math Mania
3	Related Web Resources:		https://www.youtube.com/watch?v=btGYcizV0il&feature=emb_title https://www.youtube.com/watch?v=77xMVKOEZ5q&feature=emb_title https://getintoenergy.jobs/ https://www.energyjobline.com/jobs/