

THINK! ENERGY Teacher Guide B			Science			
Michigan Standards Grades 4-6			Physical	Life	Earth and Space	Engineering Design
Activity Name	Page	Grade	Converting energy	History of the Earth	Earth's resources	Design problems
The Search for Energy	5	4			ESS3-1	
		5			ESS3-1	
		6	PS1-2	LS2-1	ESS3-3	
Let's Play Lingo	8	4			ESS3-1	
		5	PS3-1		ESS3-1	
		6	PS1-2	LS2-1		
Energy For Electricity	14	4	PS3-2, PS3-4			
		5			ESS3-1	
		6	PS1-2, PS2-3, PS2-5			
The Art of Circuits	18	4	PS3-2, PS3-4			ETS1-1
		5				ETS1-1
		6	PS3-3			ETS1-1
Shine a Light on History	20	4	PS3-2			
		5				
		6	PS3-3			
Layered Lunch	25	4				ETS1-1
		5				ETS1-1
		6		LS4-1	ESS1-4	ETS1-4
Natural Gas Mix and Match	27	4			ESS3-1	
		5				
		6			ESS3-1	
Water Inside and Out	32	4			ESS3-1	ETS1-2
		5			ESS2-1, ESS3-1	ETS1-2
		6			ESS3-3	
Energy Management Fun: The Cost of Looking Your Best	37	4				
		5			ESS3-1	
		6		LS2-1	ESS3-3	

THINK! ENERGY Teacher Guide B			Mathematics	Language Arts	
Michigan Standards Grades 4-6			Number & Operations Base Ten	Reading Information, Foundation, Speaking and Listening	
Activity Name	Page	Grade	Multiplying, Dividing, Decimal, Measurements	Reading and Discussion	Writing
The Search for Energy	5	4	OA.3; NBT.4,5	R.I.6, R.F.4, SL.1	
		5	NBT.5,7	R.I.6, R.F.4, SL.1	
		6	NS. 2-3	R.I.6, SL.1	
Let's Play Lingo	8	4			
		5			
		6			
Energy For Electricity	14	4		R.I.6, R.F.4, SL.1	W.2, 8
		5		R.I.6, R.F.4, SL.1	W.2, 8
		6		R.I.6, SL.1	W.2, 8
The Art of Circuits	18	4		SL.1	
		5		SL.1	
		6		SL.1	
Shine a Light on History	20	4		R.I.6, R.F.4, SL.1	W.2
		5		R.I.6, R.F.4, SL.1	W.2
		6		R.I.6, SL.1	W.8
Layered Lunch	25	4			
		5			
		6			
Natural Gas Mix and Match	27	4			
		5			
		6			
Water Inside and Out	32	4	OA.3; NBT.4,5; MD.2	R.I.6, R.F.4, SL.1	
		5	NBT.5,7	R.I.6, R.F.4, SL.1	
		6	NS. 2-3	R.I.6, SL.1	
Energy Management Fun: The Cost of Looking Your Best	37	4	OA.3; NBT.4,5; MD.2	R.I.6, R.F.4, SL.1	W.2
		5	NBT.5,7	R.I.6, R.F.4, SL.1	W.2
		6	NS. 2-3	R.I.6, SL.1	W.8