



# Illinois Petroleum Resources Board Elementary Petro Science



## with Math Component

### Grade School Activity Kit

Item	Quantity	u/m	Checked in Kit
Rocks - Container of 10 * Coal - 1 * Conglomerate - 2 * Gneiss - 3 * Granite - 4 * Marble - 5 * Obsidian - 6 * Pumice - 7 * Sandstone - 8 * Scoria - 9 * Shale - 10	5	box	
Magnifying Lens	6	ea	
Map Pencils	6	bx	
DVD - 'Story of Petroleum'	1	ea	
DVD - 'Exploring the IL Basin'	1	ea	
DVD - 'Cooking Up Crude'	1	ea	
DVD - 'Lucky'	1	ea	
CD - "Elementary Curriculum"	1	ea	
Sediment Tube	1	ea	
250 mL Graduated Cylinder	6	ea	
Solo Cups Clear - 9oz (1 cup is in plastic container set), pkg	1	pkg	
Large Rocks, bags	6	bag	
Small Rocks, bags	6	bag	
Ooze Tube	1	ea	
Stopwatch/Timer	6	ea	
Metric Ruler	6	ea	
Viscosity Tubes, box	1	box	
Rope (3 Meters)	1	ea	
3/4" Dowels, for fixed and movable pulleys	6	ea	
Eye Bolt	6	ea	
Pulley	6	ea	
Bucket	6	ea	
Pulley Cord (9 Meters)	1	ea	
Spring Scale	6	ea	
Oil/Water Mix (bottles)	2	ea	
Pennies (rolls)	2	roll	
Pipettes, micro tip	25	ea	
Molecular Water Model	1	ea	

Aluminum Foil, box	1	ea	
Carpet, samples	6	ea	
Protractors (pkg of 12)	1	box	
Calculators	6	ea	
Plastic Objects, containers	6	cntnr	
Vegetable Oil, pint bottle (plain)	1	ea	
Gird 1, pad	1	pad	
Grid 2, pad	1	pad	
Grid 3, pad	1	pad	
Pull, Lift, Lower, book	1	ea	
Let's Go Rock Collecting, book	1	ea	
Where Does Garbage Go?, book	1	ea	

**Contents As Of: 5/12/2017**

### **Something Missing?**

Contact IPRB

618.242.2861

iprb@yahoo.com

*Presented By*

***Illinois Petroleum Resources Board***

*Original Core Energy Curriculum*

*Courtesy of Oklahoma Energy Resources Board (OERB)*

***Aligned to Illinois and Illinois Learning Standards***



# Illinois Petroleum Resources Board

## Middle School Petro Science

### Middle School Activity Kit



Item	Quantity	u/m	Checked in Kit
DVD - 'Story of Petroleum Video'	1	ea	
DVD - 'Exploring the Illinois Basin'	1	ea	
DVD - 'Lucky'	1	ea	
DVD - 'Finding the Energy Behind the Energy'	1	ea	
DVD - 'Cooking Up Crude'	1	ea	
CD - 'Petro Science Master pages, Student pages, & 'Geopardy' pages	1	ea	
Oil and Natural Gas book(Energy 4 me)please type the following in an internet web browser and fill out information for free book. <a href="http://www.energy4me.org/order/free-materials/">http://www.energy4me.org/order/free-materials/</a>	1	ea	
Fossil Set (trilobites, brachiopods, crinoids, horn coral)	6	set	
Magnifying Lense	12	ea	
Map Pencils, colored (boxes)	6	ea	
Rock Samples, (pkg contains 1 Shale, 1 Limestone, 1 Sandstone)	6	pkg	
Digital Scale	1	ea	
Solo Cups, clear 9 oz., pkg	1	pkg	
Styrofoam cups (16 oz)	25	ea	
Stirring Straws	36	ea	
Student Timer	6	ea	
Sand, Lg Container	1	ea	
Small Pebbles (1 bag)	1	bag	
Large Pebbles (1 bag)	1	bag	
Graduated Cylinders 100ml	6	ea	
Oil, Vegetable (pt. bottles), w/ dye added to each	3	ea	
Sandwich Bags, box	1	bx	
Tuning Forks	6	ea	
Slinky	3	ea	
Heavy Coil	3	ea	
Erlenmeyer Flask (500ml)	6	ea	
Beaker (250ml)	6	ea	
Rubber Stopper, two hole	6	ea	
Vinyl Tubing: 3/16" OD x 1/8" ID (12")pcs, (12 pieces)	12	pcs	
Vinyl Tubing: 3/8" OD x 1/4" ID (12")pcs, (6 pieces)	6	pcs	
Plastic Pipettes	12	ea	
Straws - Clear Plastic, (1box)	1	bx	
Modeling Clay (1 box)	1	bx	
Plastic 60cc Syringe	6	ea	
Funnel 'small'	6	ea	
Meter Tape	1	ea	
Calculator	6	ea	
Ruler	6	ea	

Petroleum Jelly, (1 jar or tube)	1	ea	
Test Tubes (plastic)	6	ea	
Cotton Balls, (1 pkg)	1	pkg	
Geological Faults & Folds Model	6	ea	
Black Markers	6	ea	

**Contents As Of: 21-Jul-17**

### **Something Missing?**

Contact IPRB

618.242.2861 or iprb@yahoo.com

### ***Presented By***

***Illinois Petroleum Resources Board***

*Original Core Energy Curriculum*

*Courtesy of Oklahoma Energy Resources Board (OERB)*

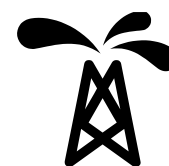
***Aligned to Illinois and Illinois Learning Standards***



# Illinois Petroleum Resources Board

## CORE Energy Science

### High School Science Activity Kit (1)



Item	Quantity	u/m	Checked in Kit
CD - 'Core Energy Jeopardy'	1	ea	
CD - 'Core Energy Science' Curriculum	1	ea	
CD - 'Core Energy Science' Powerpoint	1	ea	
CD - 'Microbial Enhanced Oil Recovery' Powerpoint	1	ea	
DVD - 'Cooking Up Crude'	1	ea	
DVD - 'Exploring the Illinois Basin '	1	ea	
DVD - 'Finding the Energy Behind the Energy'	1	ea	
DVD - 'Lucky'	1	ea	
DVD - 'Story of Petroleum'	1	ea	
Beaker - Plastic 500 ml	3	ea	
Book, Oil and Natural Gas (Energy 4 Me) please type the following in an internet web browser and fill out information for free book ('Energy 4 Me') <a href="http://www.energy4me.org/order/free-materials/">http://www.energy4me.org/order/free-materials/</a>	1		
Cups, clear plastic 9 oz	6	ea	
Cups, Red Plastic 16 oz	6	ea	
Cups, Plastic Medicine, 30mL graduated	6	ea	
Digital Thermometer	1	ea	
Distillation Kit	3	ea	
Hot Plate	1	ea	
Molecular Model Kit, (20 students kits)	20	ea	
Periodic Table of Elements, (1 pad)	1	pad	
Plastic Tubs	6	ea	
Pump(14mm, 9mm, 6mm adaptors w/pump)70 gal/hr Submersible Fountain	3	ea	
Ring Stand, Support Stand, w/rod	3	ea	
Stoppers, Rubber #4, 2 hole	6	ea	
Stoppers Rubber #4, 1 hole	6	ea	
Stopwatch	3	ea	
Sugar Packets	6	ea	
Support Ring 4" w/clamp	3	ea	
Switch, Grounded (to be used with pump)	3	ea	
Universal Indicator, (1 bottle)	1	btl	
Utility Clamp	3	ea	
Vernier "Go Temp" w/Logger Lite Program	3	ea	
Water Bottles, Plastic 12 oz	12	ea	
Yeast, Fleischmann's Rapid Rise Instant	6	ea	

Contents As Of: 29-May-18

Something Missing? - Contact IPRB  
iprb@yahoo.com or 618.242.2861

#### Presented By

**Illinois Petroleum Resources Board**

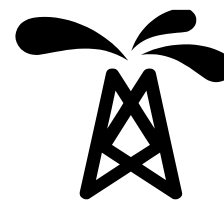
Original Core Energy Curriculum

Courtesy of Oklahoma Energy Resources Board (OERB)

Aligned to Illinois and Illinois Learning Standards



**Illinois Petroleum Resources Board**  
**CORE Energy Science**  
**High School Science Activity Kit (2)**



Item	Quantity	u/m	Checked in Kit
Beads, Glass Boiling (3 pkg. of 3)	3	pkg	
Beaker - Glass, 100 ml	6	ea	
Cylinder, 25ml Graduated	3	ea	
graph paper, 1 ream	1	ream	
Hot Plate	2	ea	
Laminates of Map and Graph for "Bubbling Up Crude chapter"	6	ea	
Measuring Tape	3	ea	
Oil Vegetable, 32 oz Bottle	1	btl	
Petroleum Jelly (jar or tube)	1	ea	
Ring Stand, Support Stand, w/rod	3	ea	
Soda, (Grape - can)	1	can	
Straws, (Soda)	5	ea	
Support Ring 4" w/clamp	3	ea	
Syringes, 60 mL	6	ea	
Tubing, Vinyl (2m x 14 mm ID) <span style="float:right">(78 <sup>3</sup>/<sub>4</sub> " x 1/2" id)</span>	3	ea	
Tubing, Vinyl (2m x 9 mm ID) <span style="float:right">(78 <sup>3</sup>/<sub>4</sub> " x 3/8" id)</span>	3	ea	
Tubing, Vinyl (30cm x 3mm ID) <span style="float:right">(11 <sup>13</sup>/<sub>16</sub> " x 1/8" id)</span>	6	ea	
Tubing, Vinyl (42cm x 3mm ID) <span style="float:right">(16 <sup>17</sup>/<sub>32</sub> " x 1/8" id)</span>	6	ea	
Tubing, Vinyl (1m x 6 mm ID) <span style="float:right">(39 <sup>3</sup>/<sub>8</sub> " x 1/4" id)</span>	3	ea	
Tubing, Vinyl (2m x 6 mm ID) <span style="float:right">(78 <sup>3</sup>/<sub>4</sub> " x 1/4" id)</span>	3	ea	
Tubing, Vinyl (3m x 6 mm ID) <span style="float:right">(118 <sup>1</sup>/<sub>8</sub> " x 1/4" id)</span>	3	ea	
Utility Clamp	3	ea	
Wire Gauze	3	ea	

**Contents As Of: 29-May-18**

**Something Missing?**

Contact IPRB

iprb@yahoo.com or 618.242.2861

***Presented By***

***Illinois Petroleum Resources Board***

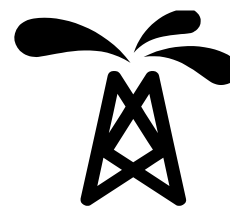
*Original Core Energy Curriculum*

*Courtesy of Oklahoma Energy Resources Board (OERB)*

***Aligned to Illinois and Illinois Learning Standards***



**Illinois Petroleum Resources Board**  
**CORE Energy Mathematics**  
**Middle/High School Math Activity Kit**



Item	Quantity	u/m	Checked in Kit
Laminated U.S. Survey System Illustration A/B/C	10	ea	
Laminated, Oil Production	10	ea	
Laminated, Drill in the Right Direction	10	ea	
Graph Paper, (1 pkg)	1	pkg	
Colored Pencils, (bxs)	6	box	
Protractors, (bxs of 12)	2	box	
DVD - 'Finding the Energy Behind the Energy'	1	ea	
DVD - 'Lucky'	1	ea	
DVD - 'The Story of Petroleum'	1	ea	
DVD - 'Exploring the Illinois Basin'	1	ea	
DVD - 'Cooking up Crude'	1	ea	
CD - 'Core Energy Math Curriculum'	1	ea	
CD - 'Core Energy Math PowerPoint'	1	ea	
TI-30XS Calculators	25	ea	
TI-84Plus Graphics Calculator	1	ea	
IPRB 6" Rulers	30	ea	
vis-à-vis, (set of four)blue,black,green,red	10	set	
IPRB Pencils	30	ea	

**Contents As Of: 15-Jun-17**

**Something Missing?**

Contact IPRB

iprb@yahoo.com or 618.242.2861

***Presented By***

***Illinois Petroleum Resources Board***

*Original Core Energy Curriculum*

*Courtesy of Oklahoma Energy Resources Board (OERB)*

*Aligned to Illinois and Illinois Learning Standards*