

MindBugs Classroom Modules from Ten80 Education

Modules by Grade and Subject

This table outlines the science content areas for grades K-6. Locate the content area around which you would like to build professional development. Use the page entitled, *MindBugs Classroom Modules from Ten80 Education; By Series* to identify the professional development session that covers that content. All MindBugs professional development is active, engaging and adheres to the 5 E's.

GRADES 5-6	LIFE	EARTH	PHYSICAL		INQUIRY _ MEASUREMENT
Kit contains units covering 2-4 weeks of material.	EARTH'S BIOSPHERE: "CELLS!" Building Blocks of Life	EARTH'S ATMOSPHERE: "UP! UP! AND AWAY" Weather, Climate and Cycles of Nature	PHYSICAL PROPERTIES: "THE NATURE OF MATTER" Chemical and Physical Changes		INQUIRY AND MEASUREMENT: General Lab Equipment Kit "YOUR UNDERSTANDING IS ONLY AS GOOD AS YOUR MEASURE!" Experimental Design Tasks
	EARTH'S BIOSPHERE: "ITS IN THE GENES!" Human Systems and Genetics	EARTH'S HYDROSPHERE: "WATER EVERYWHERE!" Streams, Rivers Oceans and Cycles of Nature	FORCES AND MOTION: "NEWTON KNEW" Newton Knew About Things That Move		
	EARTH'S BIOSPHERE: "ENVIRONMENTS" The Interdependence of Life	EARTH'S LITHOSPHERE: "CONSTRUCTIVE AND DESTRUCTIVE FORCES" Rocks, Minerals, and Landforms of a Changing Earth	ENERGY: "LIGHT, HEAT AND SOUND"	ENERGY: "ELECTRICITY AND MAGNETISM"	
GRADES 3 - 4	LIFE	EARTH	PHYSICAL		INQUIRY _ MEASUREMENT
Kit contains units covering 2-4 weeks of material.	EARTH'S BIOSPHERE: "HABITATS" Plant and Animal Habitats and Adaptations	EARTH'S LITHOSPHERE: "SOILS AND OTHER EARTH MATERIALS" Everything is Made From Something	FORCES AND MOTION: "BODIES IN MOTION" Human Skeletons and Muscles		INQUIRY AND MEASUREMENT: General Lab Equipment Kit "INVESTIGATING PATTERNS IN NATURE" Measuring Changes In My World Investigations
	EARTH'S BIOSPHERE: "HOW FOOD FITS IN" Humans, Energy and Pyramids	EARTH'S SOLAR SYSTEM: "EARTH, SUN MOON SYSTEM" Astronomy and Earth's Place in the Universe	ENERGY: "ELECTRICITY" Introductions	ENERGY: "MAGNETISM" Introductions	
GRADES 1 - 2	LIFE	EARTH	PHYSICAL		INQUIRY _ MEASUREMENT
Kit contains units covering 2-4 weeks of material.	EARTH'S BIOSPHERE: "LIVING THINGS" Requirements of Life	EARTH'S LITHOSPHERE: "NON LIVING THINGS" Properties of Earth Solids	FORCES AND MOTION: "HOW THINGS MOVE" All About Balance, Motion and Weighing of Objects		INQUIRY AND MEASUREMENT: General Lab Equipment Kit "PATTERNS IN NATURE" Measuring My World Activities
	EARTH'S BIOSPHERE: "ANIMALS OR PLANTS?" What's the Difference?	EARTH'S ATMOSPHERE: "PATTERNS OF CHANGE" in Weather	ENERGY: "LIGHT AND SIGHT" Introductions	ENERGY: "SOUND AND HEARING" Introductions	
GRADE K	LIFE	EARTH	PHYSICAL		INQUIRY _ MEASUREMENT
Kit contains Daily activities for 12 weeks	EARTH'S BIOSPHERE: "Animals and ME"	EARTH'S ATMOSPHERE: "WEATHER PATTERNS" Days, Nights and Seasons	PHYSICAL PROPERTIES: "PROPERTIES OF COMMON OBJECTS"		MEASUREMENT: General Lab Equipment Kit "PATTERNS IN NATURE"
Perspective	Describing My World	Observing My World	Observing My World		Observing My World Activities

**MindBugs Classroom Modules from Ten80 Education
Modules by Series with Professional Development Sessions**

SUBJECT	SERIES TITLE	KIT TITLE	GRADE	Content Professional Development is taught with break out sessions for grade levels to experience appropriate labs.
LIFE SCIENCE	Earth's Biosphere	CELLS: Building Blocks of Life	5TH -6TH	Life: Microscopes
	Earth's Biosphere	IT'S IN THE GENES: Human Systems and Genetics	5TH -6TH	Life: Energy and Systems
	Earth's Biosphere	ENVIRONMENTS: The Interdependence of Life	5TH -6TH	Life: Energy and Systems
	Earth's Biosphere	HABITATS: Plant and Animal Habitats and Adaptations	3RD - 4TH	Life: Energy and Systems
	Earth's Biosphere	HOW FOOD FITS IN: Humans, Energy and Pyramids	3RD - 4TH	Life: Energy and Systems
	Earth's Biosphere	LIVING THINGS: Requirements of Life	1ST -2ND	Life: Energy and Systems
	Earth's Biosphere	ANIMALS OR PLANTS? What's the Difference?	1ST -2ND	Life: Energy and Systems
	Earth's Biosphere	ANIMALS AND ME: Describing My World	Kindergarten	Basic Science: Great Starts for beginning scientists and engineers
EARTH SCIENCE	Earth's Lithosphere	CONSTRUCTIVE AND DESTRUCTIVE FORCES: Rocks, Minerals and Landforms of a Changing Earth	5TH -6TH	Earth: Constructive and Destructive Forces
	Earth's Lithosphere	SOILS AND OTHER EARTH MATERIALS: Everything is Made from Other Things	3RD - 4TH	Earth: Constructive and Destructive Forces
	Earth's Lithosphere	NON LIVING THINGS: Properties of Eath Solids	1ST -2ND	Earth: Constructive and Destructive Forces
	Earth's Hydrosphere	WATER EVERYWHERE: Streams, Rivers, Oceans and Cycles of Nature	5TH -6TH	Earth: Weather, Climate, Water and Cycles
	Earth's Solar System	EARTH, SUN, MOON SYSTEM Astronomy and Earth's Place in the Universe	3RD - 4TH	Inquiry: Astronomy and the Scale of Planets
	Earth's Atmosphere	UPI UPI AND AWAY! Weather, Climate and Cycles of Nature	5TH -6TH	Earth: Weather, Climate, Water and Cycles
	Earth's Atmosphere	PATTERNS OF CHANGE Weather and Seasons	1ST -2ND	Earth: Weather, Climate, Water and Cycles
	Earth's Atmosphere	PATTERNS OF CHANGE Days, Nights and Seasons	Kindergarten	Basic Science: Great Starts for beginning scientists and engineers
PHYSICAL SCIENCE	Physical Properties	THE NATURE OF MATTER: Chemical and Physical Changes	5TH -6TH	Nature of Science for Elementary Teacher: How to Set up Experiments that Work
	Physical Properties	PROPERTIES OF COMMON OBJECTS Observing My World	Kindergarten	Basic Science: Great Starts for beginning scientists and engineers
	Forces and Motions	NEWTON KNEW Newton Knew About Things That Move	5TH -6TH	Forces and Motion: Newton Knew
	Forces and Motions	BODIES IN MOTION: Human Skeletons and Muscles	3RD - 4TH	Forces and Motion: Newton Knew
	Forces and Motions	HOW THINGS MOVE All About Balance, Motion and Weighing of Objects	1ST -2ND	Forces and Motion: Newton Knew
	Energy	LIGHT, HEAT AND SOUND All About Waves and Vibrations	5TH -6TH	Waves and Vibrations: Light and Sound (full day)
	Energy	ELECTRICITY AND MAGNETISM All About Waves and Vibrations	5TH -6TH	Waves and Vibrations: Electricity and Magnetism (full day)
	Energy	ELECTRICITY Introductions	3RD - 4TH	Waves and Vibrations: Electricity
	Energy	MAGNETISM Introductions	3RD - 4TH	Waves and Vibrations: Electricity
	Energy	LIGHT AND SIGHT Introductions	1ST -2ND	Waves and Vibrations: Light
	Energy	SOUND AND HEARING Introductions	1ST -2ND	Waves and Vibrations: Sound
GENERAL SCIENCE	General Science	Introducing science to young students so it sticks	1ST -2ND	1-2 Basic Science: Integrating science into the 1-2 classroom environment
	General Science	Introducing science to young students so it sticks	Kindergarten	Basic Science: Great Starts for beginning scientists and engineers