



## Science 400 **Teacher's Guide**

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# SCIENCE

## Curriculum Overview Grades 1–12

#### Science LIFEPAC Overview

$\diamond$	Grade 1	Grade 2	Grade 3
LIFEPAC 1	YOU LEARN WITH YOUR EYES	THE LIVING AND NONLIVING	YOU GROW AND CHANGE
	• Name and group some colors	• What God created	• Air we breathe
	• Name and group some shapes	• Rock and seed experiment	• Food for the body
	• Name and group some sizes	• God-made objects	• Exercise and rest
	• Help from what you see	• Man-made objects	• You are different
LIFEPAC 2	YOU LEARN WITH YOUR EARS	PLANTS	PLANTS
	• Sounds of nature and people	• How are plants alike	• Plant parts
	• How sound moves	• Habitats of plants	• Plant growth
	• Sound with your voice	• Growth of plants	• Seeds and bulbs
	• You make music	• What plants need	• Stems and roots
LIFEPAC 3	MORE ABOUT YOUR SENSES	ANIMALS	ANIMAL GROWTH AND CHANGE
	• Sense of smell	• How are animals alike	• The environment changes
	• Sense of taste	• How are animals different	• Animals are different
	• Sense of touch	• What animals need	• How animals grow
	• Learning with my senses	• Noah and the ark	• How animals change
LIFEPAC 4	ANIMALS	YOU	YOU ARE WHAT YOU EAT
	• What animals eat	• How are people alike	• Food helps your body
	• Animals for food	• How are you different	• Junk foods
	• Animals for work	• Your family	• Food groups
	• Pets to care for	• Your health	• Good health habits
LIFEPAC 5	PLANTS	PET AND PLANT CARE	PROPERTIES OF MATTER
	• Big and small plants	• Learning about pets	• Robert Boyle
	• Special plants	• Caring for pets	• States of matter
	• Plants for food	• Learning about plants	• Physical changes
	• House plants	• Caring for plants	• Chemical changes
LIFEPAC 6	GROWING UP HEALTHY	YOUR FIVE SENSES	SOUNDS AND YOU
	• How plants and animals grow	• Your eye	• Making sounds
	• How your body grows	• You can smell and hear	• Different sounds
	• Eating and sleeping	• Your taste	• How sounds move
	• Exercising	• You can feel	• How sounds are heard
LIFEPAC 7	GOD'S BEAUTIFUL WORLD	PHYSICAL PROPERTIES	TIMES AND SEASONS
	• Types of land	• Colors	• The earth rotates
	• Water places	• Shapes	• The earth revolves
	• The weather	• Sizes	• Time changes
	• Seasons	• How things feel	• Seasons change
LIFEPAC 8	ALL ABOUT ENERGY	OUR NEIGHBORHOOD	ROCKS AND THEIR CHANGES
	• God gives energy	• Things not living	• Forming rocks
	• We use energy	• Things living	• Changing rocks
	• Ways to make energy	• Harm to our world	• Rocks for buildings
	• Ways to save energy	• Caring for our world	• Rock collecting
LIFEPAC 9	MACHINES AROUND YOU	CHANGES IN OUR WORLD	HEAT ENERGY
	• Simple levers	• Seasons	• Sources of heat
	• Simple wheels	• Change in plants	• Heat energy
	• Inclined planes	• God's love never changes	• Moving heat
	• Using machines	• God's Word never changes	• Benefits and problems of heat
LIFEPAC 10	WONDERFUL WORLD OF SCIENCE	LOOKING AT OUR WORLD	PHYSICAL CHANGES
	• Using your senses	• Living things	• Change in man
	• Using your mind	• Nonliving things	• Change in plants
	• You love yourself	• Caring for our world	• Matter and time
	• You love the world	• Caring for ourselves	• Sound and energy