

	28. Molecular Basis of Heredity	.	.	.	.	.	.	.	.	.
	29. The Cell	.	.	.	.	.	.	.	.	.

<i>National Science Education Standards</i>		<i>Lake Erie Literacy Concepts by Letter</i>								
PHYSICAL SCIENCE		1a	1b	1c	1d	1e	1f	1g	1h	1i
<i>Grades K – 4</i>	30. Properties of Objects and Materials	.	x	.	.	.	x	.	x	.
	31. Position and Motion of Objects	.	.	.	.	.	.	.	.	.
	32. Light, Heat, Electricity and Magnetism	.	.	.	.	.	x	.	.	.
<i>Grades 5–8</i>	33. Properties and Changes of Properties in Matter	.	.	.	.	x	.	.	x	.
	34. Motions and Forces	.	.	.	.	.	x	x	.	.
	35. Transfer of Energy	.	.	.	.	.	x	.	.	.
<i>Grades 9–12</i>	36. Structure of Atoms	.	.	.	.	.	.	.	.	.
	37. Structure and Properties of Matter	.	.	.	.	.	.	.	.	.
	38. Chemical Reactions	.	.	.	.	.	.	.	.	.
	39. Motions and Forces	.	.	.	.	.	x	x	.	.
	40. Conservation in Energy and Increase in Disorder	.	.	.	.	.	.	.	.	.
	41. Interactions of Energy and Matter	.	.	.	.	x	x	x	.	.

<i>National Science Education Standards</i>		<i>Lake Erie Literacy Concepts by Letter</i>								
HISTORY AND NATURE OF SCIENCE		1a	1b	1c	1d	1e	1f	1g	1h	1i
<i>All Grades</i>	42. Science as Human Endeavor K–12	.	.	.	.	.	.	.	.	.
	43. Nature of Scientific Knowledge 5–12	.	.	.	.	.	.	.	.	.
<i>Grades 5–8</i>	44. History of Science	.	.	.	.	.	.	.	.	.
<i>Grades 9–12</i>	45. Historical Perspectives	x	.	.	.	.	.	x	.	.

<i>National Science Education Standards</i>		<i>Lake Erie Literacy Concepts by Letter</i>								
PERSONAL AND SOCIAL PERSPECTIVES		1a	1b	1c	1d	1e	1f	1g	1h	1i
<i>All Grades</i>	46. Personal Health K–8	.	.	.	.	.	.	.	.	.
<i>Grades K – 4</i>	47. Characteristics and Changes in Populations	.	.	.	.	.	.	.	.	.
	48. Types of Resources	x	.	x	.	.	.	.	.	x
	49. Changes in Environments	.	.	.	.	.	.	x	x	.
	50. Science and Technology in Local Challenges	.	.	.	.	.	.	.	.	.
	51. Populations, Resources and Environments	x	.	.	x	.	.	.	.	x
	52. Natural Hazards	.	.	.	.	.	.	x	.	.

