

Daily Science Scope and Sequence - Grade 1,2,3,4

The scope and sequence of the Daily Science Reinforcers follows the National Science Education Content Standards.

SCIENCE AS INQUIRY

ACTIVITIES

Grade 1

Grade 2

Grade 3

Grade 4

Abilities And Understandings To Do Science Inquiry

Design an investigation	57	28, 31, 42, 102	57, 90, 98	2, 24, 39, 56, 87
Use simple science tools	29	71, 74, 92	6, 28, 53, 86	2, 6, 12, 39, 48, 78, 83, 103
Use math and measurement	15, 24, 29, 79, 88	5, 9, 31, 62, 71, 74, 87, 89, 92	6, 9, 18, 30, 36, 80, 86, 91, 100	1, 6, 20, 28, 71, 86, 95, 104, 105, 113
Draw conclusions	16, 19, 36, 73, 80, 94, 96	11, 17, 29, 39, 44, 47, 51, 65, 67, 71, 73, 75, 83, 92, 94	3, 15, 17, 22, 41, 45, 55, 65, 68, 71, 73, 86, 103	1, 4, 10, 26, 41, 50, 76, 82, 92, 104, 118
Relationships (predict, compare and contrast, classify)	30, 36, 80, 91, 99	7, 15, 17, 25, 34, 38, 39, 44, 51, 56, 67, 68, 73, 94, 98	22, 25, 32, 35, 42, 43, 47, 55, 56, 66, 69, 82, 84, 104	37, 43, 60, 63, 66, 69, 74, 89, 92, 98, 103, 116
Display information	28, 44, 96	23, 29, 62, 74, 102	9, 58, 80, 95	1, 14, 50, 120

PHYSICAL SCIENCE

ACTIVITIES

Grade 1

Grade 2

Grade 3

Grade 4

Properties Of Matter

Properties	1, 2, 5, 40, 44, 47, 48, 53, 61, 65, 77	5, 14, 16, 36, 38, 51, 59, 65, 81	6, 15, 72, 85, 93	2, 18, 33, 35, 41, 42, 45, 51, 108
States and changes of state	44, 47, 67, 97	2, 24, 30, 57, 59, 60, 64, 78, 85, 90, 95, 100, 107	12, 13, 16, 28, 60, 64, 69, 74, 81, 96, 97, 101, 103	1, 7, 8, 34, 35, 41, 47, 54, 59, 65, 70, 78, 96

Basic Units Of Matter

Atoms, molecules, elements		37, 107	8, 18, 30, 95, 107	24, 51, 58, 59, 91
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Motions And Forces

Motion of objects	8, 12, 17, 26, 54, 68, 78, 87, 89, 90	3, 48, 99, 104	4, 21, 24, 25, 36, 50, 55, 60, 65, 108	10, 23, 29, 30, 72, 75, 80, 90,
Measuring motions and forces	8, 57, 78, 87	33, 99, 104	10, 18, 51, 73	30, 44, 90, 115
Forces acting on objects	12, 26, 54, 89, 90	3, 22, 30, 33, 48, 102, 104	2, 4, 10, 21, 22, 24, 33, 39, 51, 65, 76, 81, 90, 96	10, 23, 30, 44, 58, 72, 75, 80, 90, 108

Energy

Sound	1, 100	8, 22, 69, 77	3, 10, 14, 19, 48, 58, 73, 79, 81, 83, 88	17, 27, 61, 70, 99, 107
Heat	29, 50, 58, 81	7, 11, 26, 37, 47, 66, 67, 71, 87, 106	7, 14, 18, 69, 81, 96	13, 20, 27, 29, 32, 35, 48, 85, 105, 108, 109
Light	50, 59, 75, 81	7, 37, 38, 43, 47, 55, 60, 67, 88, 103, 106	7, 14, 16, 20, 40, 46, 73, 81, 89, 93	27, 38, 53, 61, 102, 107

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Magnetism	39, 55	16, 20, 21, 22, 33, 65, 68, 76, 82, 94, 101	11, 31, 33, 43, 50, 59, 73, 100	5, 62, 73
Electricity	26, 58, 81	7, 26, 64, 91	4, 14, 17, 48, 50, 89, 100	13, 27, 36, 38, 60, 61, 82

LIFE SCIENCE

ACTIVITIES

	Grade 1	Grade 2	Grade 3	Grade 4
Characteristics Of Organisms				
Basic needs	22, 35, 43, 49, 51, 52, 71, 95, 98	3, 13, 29, 43, 46, 52, 56, 61, 63, 65, 73, 91, 96, 105, 107	9, 13, 26, 41, 46, 52, 54, 63, 68, 74, 87, 91, 95, 106	26, 32, 33, 40, 44, 52, 58, 59, 61, 64, 94, 96, 110, 111, 119
Basic structures	3, 4, 9, 22, 27, 34, 36, 43, 46, 56, 62, 98	4, 8, 12, 29, 32, 35, 39, 46, 50, 52, 63, 65, 72, 81, 95, 104, 108	1, 8, 34, 51, 53, 56, 61, 69, 75, 77, 79, 94	5, 9, 22, 23, 32, 36, 40, 45, 47, 52, 55, 64, 65, 73, 79, 94, 98, 112, 113, 116, 118, 119
Behavior	16, 27, 52, 62, 68, 83, 98	29, 35, 65, 91, 94, 103	25, 66, 88, 94	6, 15, 22, 40, 46, 49, 52, 61, 73, 85, 96, 112, 114
Life Cycles Of Organisms				
Variety of life cycles	9, 25, 52, 82, 99	4, 13, 61, 66, 72, 104	1, 24, 46, 50, 66, 101	53, 68, 82, 88, 89, 97, 100, 112
Resemblance to parents	18, 25, 32, 82	4, 46	50, 93, 108	19, 49, 62, 101
Inherited characteristics	32, 82	4, 46, 103	50, 75, 93, 108	19, 62, 101
Organisms And Their Environments				
Animals depend on plants	9, 16, 35, 45, 69, 93, 95	7, 20, 27, 32, 55, 58, 78, 79	34, 54, 77, 99	8, 9, 23, 34, 54, 57, 77, 83, 87, 89, 117, 118
Populations	11, 13, 19, 30, 33, 37, 76	14, 47, 58, 59, 82, 105	14, 27, 54, 63, 71, 73, 75, 83, 98	39, 50, 57, 76, 77, 87, 95
Organisms and environments interact	6, 11, 13, 33, 37, 53, 71, 74, 76, 91	2, 7, 17, 19, 23, 26, 28, 35, 40, 41, 46, 53, 57, 63, 69, 73, 76, 78, 79, 82, 83, 93, 94, 97	19, 20, 23, 25, 27, 31, 38, 40, 63, 67, 75, 76, 98, 102	3, 4, 5, 6, 11, 16, 21, 22, 34, 37, 39, 42, 50, 52, 63, 67, 72, 76, 81, 83, 94, 114
Humans change environments	37, 76	32, 41, 56, 86	15, 20, 27, 31, 40, 52, 61, 78, 88, 99	51, 74, 90, 104

EARTH AND SPACE SCIENCE

ACTIVITIES

	Grade 1	Grade 2	Grade 3	Grade 4
Properties Of Earth Materials				
Variety of materials	28, 80	12, 41, 61, 70, 72, 99	11, 15, 18, 48, 105	19, 26, 38, 68, 74, 77, 81, 84, 88, 94, 108, 120

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Properties of soils, rocks, air, water, etc.	28, 44, 65	72, 80, 87, 102	18, 67, 80, 82, 105	4, 17, 30, 67, 74, 77, 81, 84, 94, 107, 117
Fossils	83	45, 47, 75	45, 102	13, 25, 70
Objects In The Sky				
Objects and motion in space	20, 59, 63, 66, 75, 85, 92,	6, 50, 62, 70, 88, 97	2, 3, 26, 28, 33, 38, 44, 72, 85, 92, 94	7, 31, 66, 75, 92, 105, 115
The Sun and the solar system	20, 50, 59, 63, 66, 75, 80, 85, 92	10, 18, 40, 49, 50, 62, 66, 70, 74, 88, 97	2, 3, 26, 33, 38, 42, 44, 62, 71, 72, 82, 85, 92, 104	7, 12, 15, 16, 93, 99, 100, 102
Changes In The Earth And Sky				
Earth's surface	11	6, 24, 49, 53, 54, 70, 71, 87	7, 18, 37, 41, 49, 58, 99, 104, 107	13, 24, 29, 49, 64, 79, 88, 120
Weather	7, 10, 41, 60, 72	5, 11, 19, 21, 27, 36, 39, 42, 44, 45, 51, 58, 66, 77, 80, 84, 96, 98, 101, 105	5, 12, 13, 17, 29, 32, 43, 47, 53, 57, 78, 82, 84, 87, 92	18, 21, 48, 53, 56, 78, 79, 80, 83, 86, 96, 103, 116
Motions causing change	59, 63, 75	5, 6, 10, 17, 84, 89, 90, 97	7, 12, 39, 62, 67, 71, 106, 107	14, 29, 32, 46, 49, 53, 55, 84, 97, 99, 102, 116, 120

SCIENCE AND TECHNOLOGY

ACTIVITIES

	Grade 1	Grade 2	Grade 3	Grade 4
Natural And Human-made				
Natural and human-made	14, 23, 48, 81, 89	1, 9, 75, 89	17, 22, 44, 62	2, 93
Abilities Of Technological Design				
Abilities of technological design	7, 17	85	17, 64	45, 65, 69, 109
Understandings Of Science And Technology				
Understandings of science and technology	17, 31, 64, 70	18, 32, 75, 85, 86	17, 46, 63, 64, 95, 100	3, 38, 57, 65, 104, 106, 109, 110, 117

SCIENCE - PERSONAL AND SOCIAL

ACTIVITIES

	Grade 1	Grade 2	Grade 3	Grade 4
Personal Health				
Personal health	7, 35, 38, 60, 86, 95	38, 48, 49, 64, 91, 98	5, 9, 29, 52, 59, 83, 97, 105	8, 30, 40, 43, 46, 54, 117
Populations	33, 42	93, 105	49, 67, 83, 102	3, 22, 95, 100
Resources				
Resources	14, 28, 64, 93	28, 75, 86, 99	4, 11, 41, 48, 54, 62, 64, 86, 103, 106	9, 38, 84, 106, 108, 110, 119, 120

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Environments				
Environments	6, 7, 10, 33, 60, 91	2, 19, 41, 43, 48, 52, 53, 82, 86, 105, 106	19, 25, 67, 70, 83, 102	11, 24, 27, 28, 30, 37, 52, 63, 67, 90, 95, 111
Science And Technology In Society				
Science and technology in society	14, 17, 31, 64, 70, 93	9, 55, 64, 75, 85, 94, 99, 105, 106, 108	16, 20, 37, 46, 63, 103	11, 69, 84, 91, 104, 118, 119

HISTORY AND NATURE OF SCIENCE

ACTIVITIES

	Grade 1	Grade 2	Grade 3	Grade 4
Science Careers				
Science careers	20, 70, 84	1, 100	21, 70, 89, 95	57, 71, 106, 111
Roles Of Scientists				
Roles of scientists	20, 70, 84	1, 34, 54, 79, 100	21, 23, 35, 37, 70, 89	25, 31, 45, 71, 101, 109, 110, 111, 113
Science Milestones And Famous Scientists				
Science milestones and famous scientists		25	23, 95	91, 101, 110