

School In The Park
Standards and Overviews
For All Participating Museums
2006-2007

3rd Grade

Zoo 1

Students will be able to describe the differences and similarities between the groups of animals: mammals, birds, reptiles, amphibians, and fish. They will learn the difference between a vertebrate and an invertebrate.

Science 3a, 3b, 3c, 3d, 3e, 1f
Investigation and experimentation 5
Reading 1.5, 2.7
Writing 1.1, 1.2
Written and oral language conventions 1
Listening and speaking strategies 1.2, 1.3
Social Studies, Continuity and change 3.1, 3.4.1m 3.4.2
Math, number sense 2.0, Algebra and functions 1.0, Math Reasoning 1.0,
Measurement and geometry 1.1

Zoo 2

Students will define physical adaptations of the five animal groups and give examples of physical body parts the animal needs to survive in its habitat.

Science 3a, 3b, 3c, 3d, 1f
Investigation and experimentation 5
Reading 1.5, 2.7
Writing 1.1, 1.2
Written and oral language conventions 1
Listening and speaking strategies 1.2, 1.3
Social Studies continuity and change 3.1, 3.4.1 3.4.2
Math, number sense 2.0, Algebra and functions 1.0, Mathematical
reasoning 1.0, Measurement and geometry 1.1

Zoo 3

Students will define behavioral adaptations of the five animal groups and will review the different classifications for diet: carnivore, herbivore, and omnivore.

Life sciences 3a, 3b, 3c, 3d, 3e
Number sense 1.1, 1.2, 2.1
Physical sciences 1.b, 1.c
Word analysis, Fluency, and Systematic Vocabulary Development. 1.2,
1.5, 1.8
Reading comprehension 2.7
Written and oral English language conventions 1.1, 1.2, 1.3, 1.4

Listening and speaking strategies 1.1, 1.2, 1.3, 1.7

Historical Society 1 *Students will become familiar with the geography of San Diego. They will develop an understanding of parts of a map and the various types of maps.*

Social Studies 3.1, 3.3
Reading 1.5, 2.3
Writing 1.1, 1.2, 2.2,
Written and Oral English Language Conventions 1.1,
Listening and Speaking 1.1, 1.2, 1.3, 1.5, 1.7
Measurement 1.1
Algebra and Functions 2.1

Historical Society 2 *Students will develop an understanding of culture and its components. They will use this understanding to analyze Native American culture.*

Social Studies 3.1.2, 3.2.4, 3.3.1-3,3.4.1-3, 3.4.5, 3.5.1-4
Reading 1.5, 2.3
Writing 1.1, 1.2, 2.2,
Written and Oral English Language Conventions 1.1,
Listening and Speaking 1.1, 1.2, 1.3, 1.5, 1.7

Historical Society 3 *Students will use timelines to depict local events in chronological order. They will study local figures and how they have contributed to San Diego and will be able to place them on the timeline.*

Social Studies 3.1.2, 3.2.4, 3.3.2, 3.3.4, 3.4.1-3, 3.4.5, 3.5.1-4
Reading 1.5, 2.3
Writing 1.1, 1.2, 2.2,
Written and Oral English Language Conventions 1.1,
Listening and Speaking 1.1, 1.2, 1.3, 1.5, 1.7
Number Sense 1.0,

Art 1 *Students will learn the basic elements of art, using each element as a building block to learn to the next element. By the end of the week the students will be versed in the concepts of visual art.*

Artistic Perception 1.1, 1.2, 1.3, 1.4 1.5
Creative Expression 2.2
Aesthetic Valuing 4.1,
Measurement and geometry 2.1, 2.4, 2.5
Mathematical reasoning
Word recognition and decoding 1.5
Vocabulary development and comprehension

Listening and speaking strategies 1.1, 1.2, 1.3, 1.5, 1.7

Art 2 *Students will learn a variety of cultures and customs of the Silk Road as well as looking at the topography and climates along the route.*

Number sense 1.0, 1.1, 1.2

Measurement and geometry 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6

Social Studies 3.1

Life sciences 3.a, 3.b, 3.c, 3.d

Reading 1.0, 1.1, 1.2, 1.3; 2.0, 2.3, 2.7, 3.0, 3.1, 3.2, 3.3

Writing strategies 1.0, 1.1.a, 1.1.b

Writing applications 2.0, 2.1.a, 2.1.b, 2.2

Listening and speaking strategies 1.0

Comprehension 1.1, 1.3

Oral organization and delivery 1.5, 1.7

Creative expression 2.0, 1.1, 1.2, 1.5

Historical and cultural context 3.0, 3.1, 3.2, 3.3, 3.4

Aesthetic valuing 4.0, 4.1

Connection, relationship and applications 5.0, 5.2, 5.3, 5.4

Art 3 *Students will learn about the life, culture, and art of the Italian Renaissance and will use their knowledge of geometric shapes, composition, perspective, and symbolism to create a narrative portrait.*

Artistic Perception 1.3

Creative Expression 2.2, 2.3

Historical and Cultural Context 3.1, 3.3, 3.4

Aesthetic Valuing 4.1, 4.3

Connections, Relationships, Applications 5.2, 5.3

Reading 1.5, 2.2, 2.3

Writing 1.1, 1.2, 2.1, 2.2,

Written and Oral English Language Conventions 1.1,

Listening and Speaking 1.1, 1.2, 1.3, 1.5, 1.7, 2.1, 2.2, 2.3

Measurement and geometry 2.1, 2.5

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4th Grade

MoPA 1

Students will become familiar with the visual arts through photography. They will be engaged in reflective writing, learning the science of photography, and creating a photo essay and magazine article

Visual arts 1.1, 1.2, 1.4, 2.6, 2.7, 3.1, 4.1, 4.3, 4.5

Science 6f

Reading 1.4, 2.4, 2.7

Writing 1.1, 1.2, 1.4, 1.5, 1.10, 2.3

Written and Oral English Language Conventions 1.1, 1.4,

Listening and Speaking 1.1, 1.2, 1.10

MoPA 2

Students will learn the steps and concepts needed for the pre-production, rehearsal, production, editing & sound, and the screening of their own movie.

Reading 2.1, 2.2, 3.3

Writing 1.1, 1.3, 1.4, 2.1a 2.1b, 2.2a, 2.2b

Written and oral language conventions 1.1

Speaking and listening 1.1, 1.2, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10, 2.1 a b, c

Music 5.2

Theater 1.2, 2.1, 2.4, 3.2, 5.3

Visual arts 5.3

**Museum of
Man 1**

Students will learn about cultures through folk art and other areas of culture. Also they will learn about Egypt with an understanding of the differences between "ancient cultures" and "modern cultures".

Art 1.0, 3.0, 5.0

Reading 1.0, 2.0

Writing process 4.0

Writing communication 5.0

Speaking and Listening 7.0

Number Sense 1.2

Statistics, Data Analysis, and Probability 1.2

Social Studies 4.1 (Culture reflects adaptation to geographic regions.

Science: Investigation and Experimentation 6.a, b, c

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| Museum of Man 2 | <p><i>Students will learn physical anthropology with culture still emphasized. This will include human evolution, primates, bones, and archaeology.</i></p> <p>Number sense 2.0, 3.0, Algebra and functions 1.0, Measurement and geometry 1.0, Mathematical reasoning 1.0, 2.0, 3.0 Social Studies 4.1 (Culture reflects adaptation to geographic regions.) Science: Investigation and Experimentation 6.a, b, c</p> |
| Natural History 1 | <p><i>Students will be able to identify various types of landforms and explain the weathering and erosion process on the landforms. They will be able to analyze the cause and effects of landforms.</i></p> <p>Earth Science 5a, 5b, 5c Investigation and Experimentation 6.a, b, c, f Social Studies 4.1.1, 4.1.2 Number Sense 1.1 Measurement and Geometry 2.1</p> |
| Natural History 2 | <p><i>Students will identify rocks and minerals through an understanding of geological processes using the table of properties. They will learn how rocks are formed inside the earth.</i></p> <p>Earth Science 4a, 4b Investigation and Experimentation 6.a, b, c, f Reading 2.7</p> |
| Junior Theatre | <p><i>Students will demonstrate basic activities in drama sessions, develop characters and story lines for the California Gold Rush, and learn square dancing.</i></p> <p>Artistic Perception (Theater) 1.2, 1.3, Creative Expression 2.1 Aesthetic Valuing 4.2.1, 4.3.1 Writing 1.2, 2.1 Social Studies 4.3.3, 4.4.2</p> |
| Fleet | <p><i>Students will explain the difference between static and current electricity, describe and make parallel and series circuits and explain the connection between magnets and electricity.</i></p> <p>Physical science 1a, 1b, 1c, 1d, 1e, 1f, 1g Investigation and Experimentation 6.a, b, c, d, f Writing Applications 2.3a, b</p> |

Listening and Speaking Strategies 1.1, 1.2, 1.6, 1.7, 1.8, 2.2
Math Statistics, Data Analysis, and Probability 1.1, 1.2

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5th Grade

Fleet 1 & 2 *Students will learn through hands-on activities and the science exhibits the subject of matter, including elements, the periodic table, and properties of metals, and physical and chemical properties and changes.*

Physical science 5.1a, b, d, f, g, h
Investigation and Experimentation 6 b, c, d, g, h, I
Writing 2.3
Listening and Speaking Strategies 1.1, 1.2, 1.4
Algebra and Functions 1.3
Statistics, Data Analysis, and Probability 1.1

Natural History *Students will learn through hands-on activities and the science exhibits about the water cycle including evaporation and condensation, about weather as the result of the uneven heating of the earth, causes of severe weather, and using weather maps to forecast weather.*

Earth science 3a, b, c, d; 4a, b, c, d, e
Investigation and Experimentation 6g, h
Number Sense 1.5
Algebra and Functions 1.3
Statistics, data analysis, and probability 5.1
Listening and Speaking Strategies 1.1, 1.2, 1.3

Aerospace 1 *Students will do an experiment using the Scientific Method. They will learn about wings and aerodynamics, build gliders, develop hypothesis, modify their gliders and then test the procedure.*

Science Investigation and Experimentation 6a,b, c, d, e, f, g, h, i
Number sense 1.1, 1.2, 2.1, 2.2, 2.3
Algebra and functions 1.1, 1.2,
Statistics, data analysis, and probability 1.2, 1.3,
Math reasoning 1.1, 2.1, 2.2, 2.3, 2.5, 2.6, 3.1, 3.3
Reading 1.1, 1.2, 2.3
Written and oral English language conventions 1.1, 1.2
Listening and speaking 1.1, 1.4, 1.6, 2.2

Aerospace 2 *The students will review the scientific method as it relates to force and motion, space capsule design and construction, and water rockets. They*

will do experiments on their space capsules and water rockets and present their conclusions.

Science Investigation and Experimentation 6a,b, c, d, e, f, g, h, i

Earth Science 5a, b, c

Number sense 5.1, 5.2

Algebra and functions 5.1

Statistics, data analysis and probability 5.1

Reasoning 5.1, 5.2, 5.3

Reading 5.1

Written and oral English language conventions 5.1

Listening and speaking 5.1, 5.2

Hall of
statistics

Champions

Students will put together a fantasy baseball team by analyzing

using ratios and formulas to compute home run and strikeout facts, and by converting percentages into a circle graph.

Number sense 5.1, 5.2

Algebra and functions 5.1

Statistics, data analysis, and probability 5.1

Mathematical reasoning 5.2, 5.3