STUDENT NAME:



Program Year One

Geometry Activities	CSM	Presented (Date)	Practicing (Date)	Mastered (Date)	Notes/Observations
Reviewing Shapes with the Demonstration Tray					
Working with the Geometric Cabinet					
Exploring Shapes with the Geometric Form Cards					
Reviewing Shapes with the Constructive Triangles					
Learning the Concepts of Point, Line, Plane, and Solid	•				
Reviewing the Concepts of Point, Line, Plane, and Solid					
Learning About Straight and Curved Lines	•				
Studying the Parts of the Line					
Learning About Horizontal, Vertical, and Oblique Lines					

STUDENT NAME: _____

Geometry Activities	CSM	Presented (Date)	Practicing (Date)	Mastered (Date)	Notes/Observations
Understanding Relationships Between Lines: Parallel, Divergent, and Convergent Lines	•				
Understanding Relationships Between Lines: Intersecting, Perpendicular, and Oblique Lines	•				
Learning About an Angle and Its Parts					
Learning Five Types of Angles	·				
Making Open and Closed Figures					
Learning the Difference Between Closed Curved Figures and Polygons	•				
Studying Irregular Polygons					
Studying Regular Polygons					
Learning Some Closed Curved Figures					
Learning the Parts of a Triangle					
Classifying Triangles by Their Sides	•				

STUDENT NAME: _____

Mastery Checklists – Geometry Program Year 1

Geometry Activities	CSM	Presented (Date)	Practicing (Date)	Mastered (Date)	Notes/Observations
Classifying Triangles by Their Angles	•				
Learning the Types of Quadrilaterals	•				
Making Quadrilaterals with Geometry Sticks					
Learning About Regular Many- Sided Polygons	•				
Forming Regular Many-Sided Polygons					
Reviewing the Geometric Solids	•				

🛠 Montessori Grammar Symbols Key



& Montessori Grammar Symbols







Equation Slips, 7-Digit by 2-Digit Multiplication

7,834,252 × 43 =	5,321,854 × 22 =
2,330,952 × 51 =	8,722,310 × 14 =
7,456,214 × 48 =	3,673,167 × 73 =
4,654,031 × 25 =	1, <mark>155,</mark> 429 × 67 =
6,455,842 × 44 =	4,655,468 × 83 =
5,421,103 × 70 =	2,157,851 × 16 =
4,642,118 × 22 =	7,431,852 × 48 =

7, <mark>834,25</mark> 2 × 43 =	5, <mark>321,85</mark> 4 × 22 =
2,330,952 × 51 =	8,722,310 × 14 =
7,456,214 × 48 =	3,673,167 × 73 =
4,654,031 × 25 =	I, I 55, 429 × 67 =
6, <mark>455,8</mark> 42 × 44 =	4, <mark>655,4</mark> 68 × 83 =
5,421,103 × 70 =	2, 57, <mark>8</mark> 5 × 6 =
4,642,118 × 22 =	7,431, <mark>8</mark> 52 × 48 =

7,834,252	3,274, <mark>3</mark> 55
× 43	× 5 I
8,317,043	4,210,545
× 76	× 32
1, <mark>608,95</mark> 3	2,464,686
× 94	× 40
5,347,951	4, 5 31, 8 04
х I 9	× 65

Geometry 5

Geometry 6





Geometry 15

a)

c)

e)

1. Create new shapes by adding triangles to the shapes provided. For example, make a rhombus by drawing an equilateral triangle on top of another equilateral triangle (see example below).



I. Circle all of the shapes that make up the following Geometric Solids.



Geometry 15 - control

1. Create new shapes by adding triangles to the shapes provided. For example, make a rhombus by drawing an equilateral triangle on top of another equilateral triangle. Here are examples of shapes you can make. Your shapes may look different.



Geometry 16 - control

I. Circle all of the shapes that make up the following Geometric Solids.





The earth along with the rest of the solar system were formed approximately 4.6 billion years ago. The Precambrian Era totals about 4 billion years, which is more than 80 percent of all geologic time. Prokaryote, single-celled organism

(20.00)

0

0

The earth's atmosphere formed, its crust hardened, rain fell and volcanoes formed, and the oceans were filled with minerals. Continents were formed on plates. Plantlike life began in the water.

Few fossils of life forms have been found from this time.

Lower	Elementary	History
201101		1 110101 9



410 муа

Paleozoic Era

440 MYA

lurian Period

Devonian Period

Silurian is named for the Silures, an early Celtic tribe from Wales. Coral reefs were extensive, arthropods were common, and vertebrates began to expand.



Plants moved onto dry land.

This period is named for an area in England called Devon, where the rocks from this time are located.

Life began to further develop and moved onto land. Insects and amphibians appeared and aquatic life, particularly fish, was abundant.







Lower Elementary Botany



This part of a plant often grows upward, provides support, and contains channels to transport water and nutrients to the various parts of the plant.

stem

NAMC %



LE Botany Nomenclature



The planetary model of the atom

A water molecule





This type of mountain forms when portions of the earth's crust collide along a fault, causing the upheaval of large blocks of rock.

fault-block mountain



This is a low area of land along the coast between the ocean and the highlands. It is an extension above water of the submerged continental shelf composed mainly of marine sediment.

coastal plain



This flat area lies on either side of a river, which during times of rising water levels will flood. Later as the water recedes it leaves its deposits here.

flood plain



This is a fairly extensive plain that drops off suddenly on one side to a much lower area. Also called a plateau, when eroded these will eventually leave a mesa or butte.

tableland

MRS FERG chart

If something is alive, it can do most of the following:

Move on its own

Respire (breathe)

Sense things in its surroundings or environment

Feed or nourish itself

Excrete

Grow

Reproduce itself



Examples of arctic animals

Small animals	Large animals	Birds	Insects
snowshoe hare	elk	arctic tern	nose botfly
lemming	caribou	willow ptarmigan	arctic bee
arctic fox	wolf	snowy owl	willow gallfly
short-tailed weasel	polar bear	puffin	woolly bear caterpillar
arctic ground squirrel	musk ox	eider duck	



Adaptations of some arctic animals

Animal	Physical Adaptation	Behavioral Adaptation	
polar bear	insulation: fur and fat	hibernates	
caribou	insulation: fat, fur under hooves hooves: wide, sharp		
	concentrates urine	migrates	
willow ptarmigan	color change insulation: feathers	dives into snow	
snowshoe hare	color change insulation: fur		
nose botfly		over-winters inside caribou	
arctic bee	fur	shivers flight muscles	



