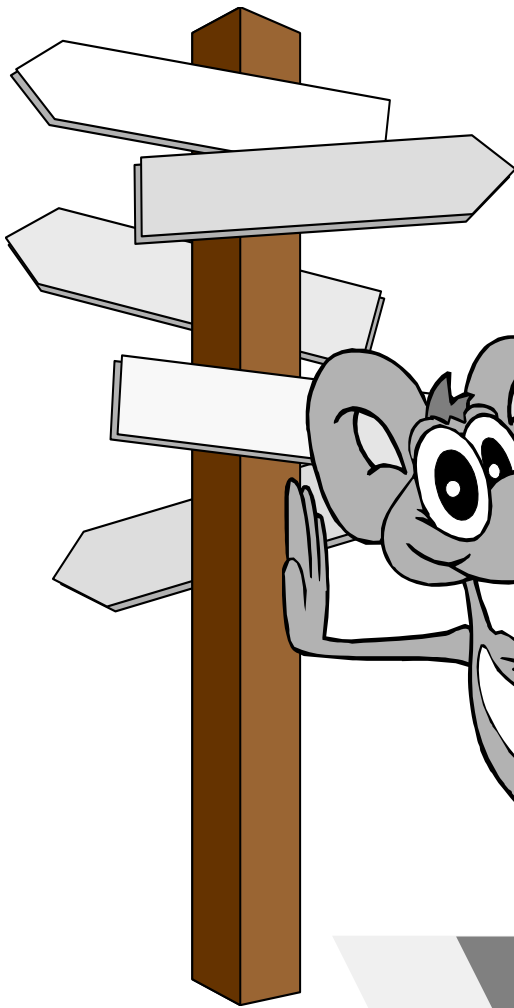


# Literacy Link



Welcome to  
**Geo**  
**Jammin'**  
A second grade  
integrated unit on  
Geometry and Spatial  
Sense

## Sunshine State Standards Taught and Assessed

MA.C.1.1.1.2.1 describes attributes of two-dimensional shapes using mathematical language

MA.C.1.1.1.2.2 describes attributes of three-dimensional shapes using mathematical language

MA.C.1.1.1.2.3 sorts two- and three-dimensional shapes according to their attributes

MA.C.1.1.1.2.4 know names of 2-D & 3-D shapes in the environment

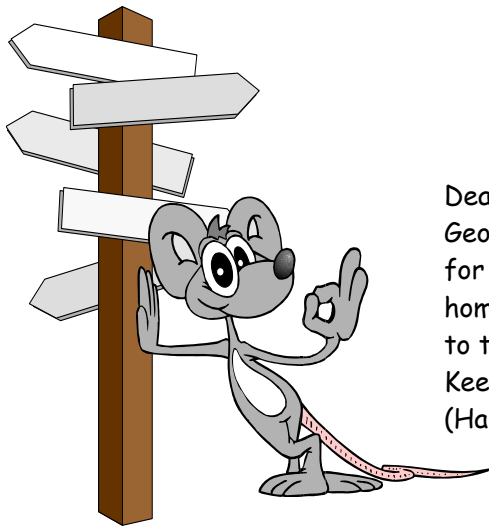
LA.B.2.1.2.2.3 writes for familiar occasions, audiences, and purposes

LA.B.2.1.3 uses basic computer skills (copying, pasting)

LA.C.3.1.1.2.1 uses volume, phrasing, and intonation appropriately

LA.C.3.1.1.2.2 speaks for different purposes

# Literacy Link Geometry Glossary



Dear Parents: Below are mathematical terms I will learn in order to meet the targeted Geometry and Spatial Sense standards. I will learn new ones each day. This is a glossary for you so that you will know the terms and can help me practice by talking about them at home. The words are arranged in the order in which I will learn them and/or according to two- and three-dimensional attributes. Please ask me about the ones I learned today. Keep this page so we can talk about them together throughout the geometry unit. (Harcourt Math Glossary provided some of the definitions and examples.)

.A

Point A

**Point** - a location on an object or in space

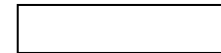
**Line segment** - Part of a line, with two endPOINTS



**Square** - A TWO-DIMENSIONAL closed figure with 4 equal LINE SEGMENTS and 4 right ANGLES



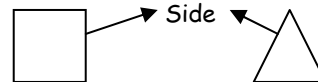
**Rectangle** - A TWO-DIMENSIONAL closed figure with 4 LINE SEGMENTS and 4 right ANGLES



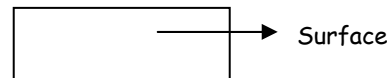
**Triangle** - A TWO-DIMENSIONAL closed figure with 3 LINE SEGMENTS and 3 ANGLES



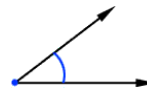
**Side** - LINE SEGMENTS of a TWO-DIMENSIONAL shape



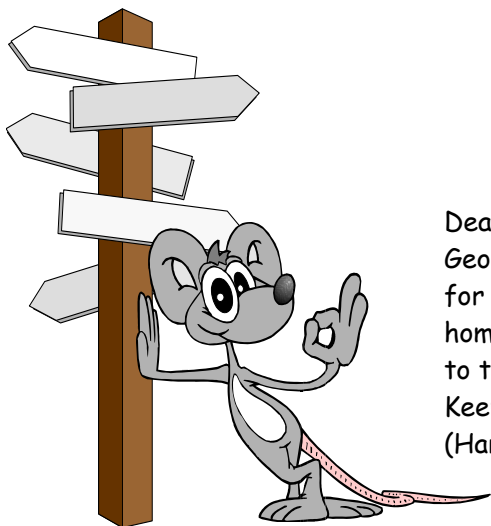
**Surface** - The flat area of a TWO-DIMENSIONAL object



**Angle** - A figure formed where two LINE SEGMENTS meet

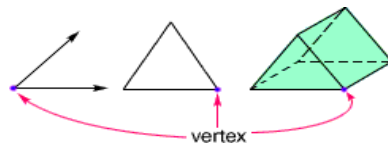


# Literacy Link Geometry Glossary

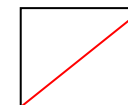


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**Vertex** - The POINT at which LINE SEGMENTS meet in an ANGLE, TWO-DIMENSIONAL figure, or where three or more EDGES meet in a THREE-DIMENSIONAL figure (plural: VERTICES)



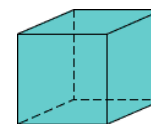
**Diagonal** - A LINE SEGMENT that goes from opposite corner VERTICES of a TWO-DIMENSIONAL shape



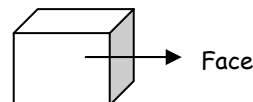
**Two-dimensional** - A measure in two directions, such as length and height  
Two-dimensional shapes have SIDES and a SURFACE.



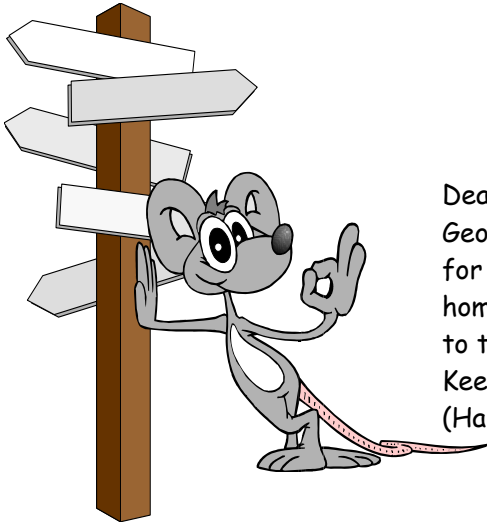
**Three-dimensional** - A measure in three directions, such as length, height, and depth  
Three-dimensional shapes have FACES and EDGES.



**Faces** - The flat SURFACE of a THREE-DIMENSIONAL solid figure

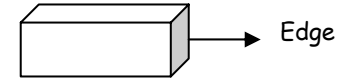


# Literacy Link Geometry Glossary

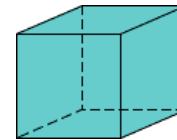


Dear Parents: Below are mathematical terms I will learn in order to meet the targeted Geometry and Spatial Sense standards. I will learn new ones each day. This is a glossary for you so that you will know the terms and can help me practice by talking about them at home. The words are arranged in the order in which I will learn them and/or according to two- and three-dimensional attributes. Please ask me about the ones I learned today. Keep this page so we can talk about them together throughout the geometry unit. (Harcourt Math Glossary provided some of the definitions and examples.)

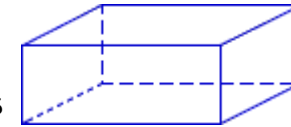
**Edge** - The **LINE SEGMENT** where two **FACES** of a **THREE-DIMENSIONAL** solid figure meet



**Cube** - A **THREE-DIMENSIONAL** solid figure in which all six **FACES** are **SQUARES**



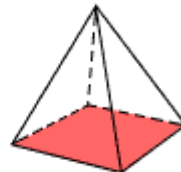
**Rectangular solid** - A **THREE-DIMENSIONAL** solid figure in which all six **FACES** are **RECTANGLES**



**Pyramid** - A **THREE-DIMENSIONAL** solid figure with a base that is a polygon and whose other **FACES** are **TRIANGLES** with a common **VERTEX**



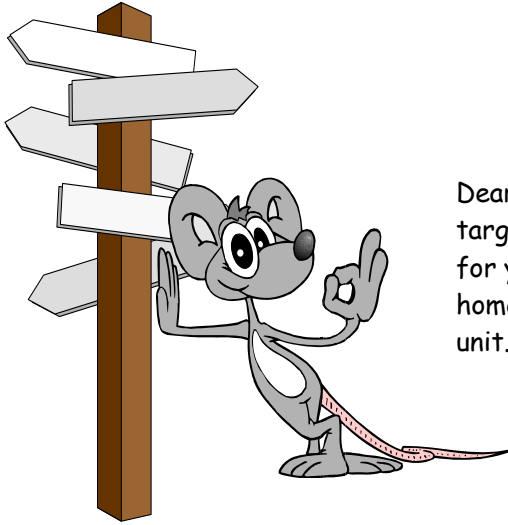
triangular pyramid



square pyramid

# Literacy Link

## Geometry Glossary



Dear Parents: Below are terms for quality speaking that I will learn in order to meet the targeted Language Arts Listening, Viewing, and Speaking standards. This is a glossary for you so that you will know the terms and can help me practice by talking about them at home. Keep this page so we can talk about them together throughout the *Geo Jammin'* unit.

**Clearly** - To make intelligible

**Audible** - Capable of being heard

**Volume** - How loud or soft one speaks

**Phrasing** - How one expresses ideas through the use of language or word choice; to express in appropriate or telling terms; style of expression

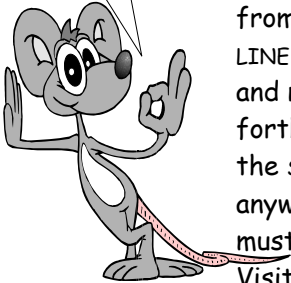
**Intonation** - The rise and fall in the pitch of the voice in speech; NOT speaking monotone, or flat with little or no expression

**Purpose** - Expressing ideas in an entertaining or informative manner

# Literacy Link

## POINTS

Use that  
Math  
Mouth!



### Directions

**THE OBJECT:** To connect POINTS by making LINE SEGMENTS to make TWO-DIMENSIONAL SQUARES. The student who has the most SQUARES at the end of the game is the winner.

**TO PLAY:** Decide which player will go first. When it is your turn you draw one LINE SEGMENT from one POINT to another POINT. It can be anywhere on the play area. It can join another LINE SEGMENT to form the VERTEX of an ANGLE, or it can be made anywhere on the play area and not touch any other LINE SEGMENTS. All LINE SEGMENTS must be up and down or back and forth. None may be DIAGONAL or CURVED. When you have made a SQUARE, place your initial in the SQUARE. You may start anywhere on the play area and may place a LINE SEGMENT anywhere when it is your turn. You may not erase a LINE SEGMENT. Once you have drawn it, it must stay there.

Visit: Student Web lesson, [The Facts Please, Mr. Mumble](http://www.beaconlc.org/thompjl/Mr.Mumble/Pages/mm001.htm) at

<http://www.beaconlc.org/thompjl/Mr.Mumble/Pages/mm001.htm> for an interactive lesson

