





Getting to the Core

Geometry Fourth Grade Teacher
Pages






4th Grade Common Core Unit Overview: Week 1

	Lesson: Prep A	Lesson 1	Lesson 2	Lesson 3
Activities	<ul style="list-style-type: none"> * Pre-Assessment * "Sierpinski Triangle" * Collaborative Conversation 	<ul style="list-style-type: none"> * Compare and Contrast a triangle with a rectangle * Geometric figure sort * Presentation of sort * Create a Geometry word bank 	<ul style="list-style-type: none"> * Perpendicular Picture Sort * Parallel Picture Sort * Collaborative Conversation 	<ul style="list-style-type: none"> * Math Talk with ST Math * Color code angles utilizing $\frac{1}{4}$ of a circle as a reference for a right angle.
Materials to Compile	<ul style="list-style-type: none"> * Pre-Assessment * Post Content and Language Objectives * Sierpinski Triangle Handout * Collaborative Conversations Sentence Frames- 1 per group * Chart paper * Math Journals 	<ul style="list-style-type: none"> * Post Big Idea and Essential Questions * Post Content and Language Objectives * Geometry Figure Handout * Construction paper (1 piece per group) * Scissors * Glue for each group * Chart Paper * Collaborative Conversations Sentence Frames 	<ul style="list-style-type: none"> * Post Content and Language Objectives * Collaborative Conversations Sentence Frames * Glue for each group * Parallel T-Chart handout * Parallel picture sort handout * Perpendicular T-chart handout * Perpendicular picture sort handout * Math journals * Highlighters 	 <ul style="list-style-type: none"> Content> Test Drive Games> 4th grade> Optional Objectives> Line and Angles> Parallel or Perpendicular * Post Content and Language Objectives * Collaborative Conversations Sentence * Shapes handout * Construction Paper * Crayons: red, blue, yellow * Circle cutout (each student will use a $\frac{1}{4}$ piece)
Homework	Journal Entry	Lesson 1 Homework Handout	 <ul style="list-style-type: none"> * Parallel video Clip * Perpendicular video clip 	Angles Homework Handout



4th Grade Common Core Unit Overview: Week 2

	Lesson 4	Lesson 5	Lesson 6	Lesson 7	Lesson 8
Activities	<ul style="list-style-type: none"> * Math Talk with ST Math * Geometric Terms video * Create a geometric terms foldable 	<ul style="list-style-type: none"> * Watch a video and take notes on how a shape changes when a side is added 	<ul style="list-style-type: none"> * "Pick Up Stick Game" * Students will create shapes using sticks and marshmallows * Students will draw the shape and label its parts in their journal 	<ul style="list-style-type: none"> * Geometry Performance Task: create a map * Write two sets of directions from one place to another 	<ul style="list-style-type: none"> Assessment
Materials to Compile	 <ul style="list-style-type: none"> Content> Test Drive Games> 4th grade> Optional Objectives> Line and Angles> Which Angles Level 1 *Post Content and Language Objectives * Post Collaborative Conversations Sentence Frames *Construction paper (1/student) *Tape or glue *Scissors * Math journals  Video 	<ul style="list-style-type: none"> *Greedy Triangle video *Note taking guide *Post Content and Language Objectives * Post Collaborative Conversations Sentence Frames 	<ul style="list-style-type: none"> *Post Content and Language Objectives * Post Collaborative Conversations Sentence Frames Stir sticks per student: 5-whole stir sticks 5- 2 ½ inch stir sticks 5-3 ½ inch stir sticks *Mini Marshmallows- 20 per student *baggies * Math journals *Greedy Triangle note taking guide- for reference 	<ul style="list-style-type: none"> *Post Content and Language Objectives * Post Collaborative Conversations Sentence Frames *12x18 Construction paper (1/student) *Rulers *Geometric Performance Task sheet 	<ul style="list-style-type: none"> * Assessment (same as Pre-Assessment)
Homework	Lesson 4 Homework	Greedy Triangle Homework handout	Lesson 6 homework	Take map home and practice	

Big Idea:

Objects can be described, classified
and analyzed based on their
attributes.



Essential Questions:

How can parallel and perpendicular lines be identified?

How can you use a right angle to
classify all angles?

How can shapes be classified?

What geometric components make up
figures?

What properties do geometric shapes
have in common?

Shapes for Prior Knowledge Activity- Lesson 1

