

MATH 6 - Sustar Period 2

UNIT 1: Area and Surface Area

Students learn to calculate the area of polygons by decomposing, rearranging, enclosing, and composing shapes. They also represent polyhedra with nets and calculate their surface areas.

[UNIT 1 Caregiver Support](#)

DATE	Objective	Classwork	Homefun
8/19 C-day	I belong in this math community!	Introductions and classroom routines	Enjoy the afternoon!
8/20 A-day	I can define area as the amount of a plane that a shape covers. Describe strategies for determining the area of a polygon on a grid. Determine the area of a non-rectangular shape on a grid using a variety of strategies, including counting whole and partial tiles, decomposing and rearranging, and surrounding and subtracting.	Amplify Unit 1, Lesson 1 - Shapes on a Plane Amplify Unit 1, Lesson 2 - Letters	Practice 1.01 handout
8/22 A-day	I can calculate the area of a parallelogram using a variety of strategies: decomposing, rearranging, encompassing, and subtracting.	Amplify Unit 1, Lesson 3 - Exploring Parallelograms Part 1 Lesson 4 - Exploring Parallelograms Part 2	Practice 1.04 handout
8/26 A-day	I can use a variety of strategies to determine the area of a triangle on a grid.	Amplify Unit 1, Lesson 5 - Off the Grid, Part 1 Lesson 6 - Exploring Triangles	Workbook pages 42-43
8/28 A-day	I can determine the area of any polygon with and without a grid using the areas of rectangles and	Amplify Unit 1, Lesson 7 - Triangles and Parallelograms	Workbook pages 49-50

	triangles.	Unit 9 - Pile of Polygons	