

Grade 3 Unit 2 Section A Area and Multiplication Lessons 1-4

Goals:

- Students learn about area concepts and relate area to multiplication and to addition.
- Describe area as the number of unit squares that cover a plane figure without gaps and overlaps.
- Measure the area of rectangles by counting unit squares.
- [3rd Grade Unit 2- I Can Statements](#)
- [3rd Grade- Unit 2 Centers](#)
- [Unit 2 Pre-Unit Practice Problems](#)

IM Lesson	L1: What is Area?	L2: How Do We Measure Area?	L3: Tile Rectangles	L4: Area of Rectangles
Ar Math Content Standards	3.MD.C.5, 3.OA.A.1	3.MD.C.5	3.MD.C.5, 3.MD.C.6	3.MD.C.6
AR Math Practice Standards	MP. 7	MP. 6	MP. 6	MP. 6, 7
Accessibility Supports	Action/Expression, MLR8	Engagement, MLR8	Representation, MLR1, 8	Representation, MLR8
Vocabulary Focus	area	area	area	
Lesson Materials/ Resources	L1- Slide Deck L1.1- Student Tasks Desmos Pattern BLocks Scissors Pattern Blocks to Compare Shapes	L2: Slide Deck L2- Student Tasks Desmos Square tiles Use Square Tiles to Measure Area	L3: Slide Deck L3-Student Tasks Desmos Square tiles Card Sort: Rectangles Time to Tile	L4: Slide Deck L4: Student Task Desmos Folders
Assessment	Cool Down- Desmos	Cool Down- Desmos	Cool Down- Desmos	Cool Down- Desmos A-Practice Problems Ch.Point Assessment
Suggested Centers/ Materials/ Resources	Can You Build It? (3–5), Stage 1: (Addressing), Five in a Row: Multiplication (3–5), Stage 1: (Supporting)	Can You Build It? (3–5), Stage 1: (Addressing), Five in a Row: Multiplication (3–5), Stage 1: (Supporting)	Can You Build It? (3–5), Stage 1: (Addressing), Five in a Row: Multiplication (3–5), Stage 1: (Supporting)	Can You Build It? (3–5), Stage 1: (Addressing), Five in a Row: Multiplication (3–5), Stage 1: (Supporting)

Grade 3 Unit 2 Section B Area and Multiplication Lessons 5-11

Goals:

- Students learn about area concepts and relate area to multiplication and to addition.
- Explain why the area of a rectangle can be determined by multiplying the side lengths.
- Solve problems involving the area of rectangles.
- [3rd Grade Unit 2- I Can Statements](#)
- [3rd Grade- Unit 2 Centers](#)

IM Lesson	L5: Represent Products as Areas	L6: Different Squares Units (Part 1)	L7: Different Square Units (Part 2)	L8: Area of Rectangles without a Grid	L9: Measure to Find the Area	L10: Solve Area Problems	L11: Area and the Multiplication Table *Optional Lesson*
Ar Math Content Standards	3.MD.C.7, 3.OA.B.5	3.MD.C.6	3.MD.C.6	3.MD.C.7, 3.OA.B.5	3.MD.C.7, 3.OA.B.5	3.MD.C.7, 3.OA.B.5	3.MD.C.7, 3.OA.B.5, 3.OA.D.9
AR Math Practice Standards	MP. 2, 7	MP. 6	MP. 4	MP. 7	MP. 6, 7	MP. 1, 3	MP. 7
Accessibility Supports	Engagement	Action/Expression, MLR 8, 2	Engagement, MLR8	Engagement, MLR8	Engagement, MLR8	Engagement, MLR8, 6	Representation MLR8
Vocabulary Focus		Square centimeters, square inches	Square feet, square meters				
Lesson Materials/ Resources	L5- Slide Deck L5- Student Task Desmos Square tiles Match Expressions and Areas	L6- Slide Deck L6- Student Task Desmos Patty paper Rulers Scissors Same Rectangle, Different Units	L7- Slide Deck L7- Student Task Desmos Patty paper Rulers Scissors Same Rectangle, Different Units	L8- Slide Deck L8-Student Task Desmos Rulers/Straightedge	L9-Slide Deck L9- Student Task Desmos Rulers(cm) Rulers (In) Tape(masking) Yardsticks	L10-Slide Deck L10: Student Task Desmos Square tiles Chart paper Centimeter Grid Paper	L11-Slide Deck L11-Student Task Desmos
Assessment	Cool Down-Desmos	Cool Down-Desmos	Cool Down-Desmos	Cool Down Desmos	Cool Down Desmos	Cool Down Desmos	Sec. B Prac. Problems ChPoint Assessment
Suggested Centers/ Materials/ Resources	Capture Squares (1–3). Stage 6: (Addressing). Rectangle Rumble (3–5). Stage 1: (Addressing)	Capture Squares (1–3). Stage 6: (Addressing). Rectangle Rumble (3–5). Stage 1: (Addressing). Five in a Row: Addition and	Capture Squares (1–3). Stage 6: (Addressing). Rectangle Rumble (3–5). Stage 1: (Addressing). Five in	Capture Squares (1–3). Stage 6: (Addressing). Rectangle Rumble (3–5). Stage 1: (Addressing). Five in a Row: Addition and	Capture Squares (1–3). Stage 6: (Addressing). Rectangle Rumble (3–5). Stage 1: (Addressing). Five in a Row: Addition and	Capture Squares (1–3). Stage 6: (Addressing). Rectangle Rumble (3–5). Stage 1: (Addressing). Five in a Row: Addition and	Capture Squares (1–3). Stage 6: (Addressing). Rectangle Rumble (3–5). Stage 1: (Addressing). Five in a Row: Addition and

		Subtraction (1–2), Stage 6: (Supporting)	a Row: Addition and Subtraction (1–2), Stage 6: (Supporting)	Subtraction (1–2), Stage 6: (Supporting)	Subtraction (1–2), Stage 6: (Supporting)	Subtraction (1–2), Stage 6: (Supporting)	Subtraction (1–2), Stage 6: (Supporting)
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Grade 3 Unit 2 Section C Area and Multiplication Lessons 12-15

Goals:

- Students learn about area concepts and relate area to multiplication and to addition.
- Find the area of figures composed of rectangles.
- [3rd Grade Unit 2- I Can Statements](#)
- [3rd Grade- Unit 2 Centers](#)

IM Lesson	L12: Area and Addition	L13: Find the Area of Figures	L14: Find the Area of Figures with Missing Sides	L15: New Room *Optional Lesson*
Ar Math Content Standards	2.NBT.B.5, 2.OA.A.1	2.NBT.B.5, 2.OA.A.1	2.NBT.B.5, 2.OA.A.1	2.NBT.B.5, 2.OA.A.1
AR Math Practice Standards	MP. 7	MP. 2, 7	MP. 3	MP. 1, 4
Accessibility Supports	Action/Expression, MLR7	Engagement, MLR7	Engagement, MLR8	Action/Expression , MLR5
Vocabulary Focus	parentheses			
Lesson Materials/ Resources	L12: Slide Deck L12-Student Task Desmos	L13: Slide Deck L13-Student Task Desmos	L13: Slide Deck L13-Student Task Desmos	L15: Slide Deck L15-Student Task Desmos Grid paper Scissors Chart paper New Bed and Desk
Assessment	Cool Down- Desmos	Cool Down- Desmos	Cool Down- Desmos	Practice Problems Checkpoint Assess. End-of Unit
Suggested Centers/ Materials/ Resources	Five in a Row: Multiplication Stage 2. Five in a Row: Addition/Subtraction	Five in a Row: Multiplication Stage 2. Five in a Row: Addition/Subtraction	Five in a Row: Multiplication Stage 2. Five in a Row: Addition/Subtraction	Five in a Row: Multiplication Stage 2. Five in a Row: Addition/Subtractio

	Stage 8	Stage 8	Stage 8	n Stage 8
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Created by Jill Jones, and updated by Britnee Wright