

Grade K Unit 5 Section A

Composing and Decomposing Numbers to 10 Lessons 1-4

Goals:

- Students compose and decompose numbers within 10.
- Compose and decompose numbers up to 9 in more than one way.
- Write expressions to represent decompositions.
- [Kinder Unit 5- I Can Statements](#)
- [Kinder Unit 5 Centers](#)
- [Unit 5 Slides \(made by Britnee Wright- not updated to V1\)](#)

| IM Lesson | L1: Make 2 Parts | L2: Make and Break Apart Pattern Block Designs | L3: Snap the Cubes | L4: Find All the Ways (optional) |
|---|--|--|---|---|
| Ar Math Content Standards | K.OA.A.2, K.OA.A.3, K.OA.A.5 | K.OA.A.3 | K.OA.A.3 | K.CC.A.1, K.CC.A.2, K.CC.A.3 |
| AR Math Practice Standards | MP. 1, 2, 3, 4 MLR 8- Action/Expression | MP. 2, 6 MLR 8-Representation | MP. 2, MLR 8- Action/Expression | MP. 2, 7 MLR 8- Representation |
| Vocabulary Focus | | | | |
| Lesson Materials/ Resources | Lesson 1- (IM Slide) Connecting cubes (each student needs 6 cubes) Number cards (0-10) Check it Off Stage 1 Recording Sheet | Lesson 2- (IM Slide) Crayons Pattern blocks | Lesson 3- (IM Slide) Connecting cubes(each group of 2 needs 8 cubes same color) Crayons Pattern blocks Two-color counters What's Behind My Back Stage1 Recording Sheet | Lesson 4- (IM Slide) Connecting cubes Two-color counters |
| Assessment | Checkpoint A Assessment | Checkpoint A Assessment | Cool Down Checkpoint A Assessment | Section A Practice Problems Checkpoint A Assessment |
| Suggested Centers/ Materials/ Resources | Find the Value of the Expression Bingo (1-3) Shake and Spill (1-3) | Check it Off (1) Find the Value of Expressions(1) Bingo (1-3) Shake and Spill (1-3) | What's Behind My Back (1) Check it Off (1) Find the Value of Expressions(1) Bingo (1-3) Shake and Spill (1-3) | What's Behind My Back (1) Check it Off (1) Find the Value of Expressions(1) Bingo (1-3) Shake and Spill (1-3) |

Grade K Unit 5 Section B

Composing and Decomposing Numbers to 10 Lessons 5-9

Goals:

- Students compose and decompose numbers within 10.
- Solve Put Together, Total Unknown, Put Together/ Take Apart, Both Addends Unknown, Add to, Result Unknown, and Take From, Result Unknown story problems.

| IM Lesson | L5: Put Together | L6: Red and Yellow Apples | L7: Solve Both Addends Unknown Story Problems | L8: More Than One Way | L9: All of the Story Problems |
|---|---|---|---|---|---|
| Ar Math Content Standards | K.OA.A.1, K.OA.A.2, K.OA.A.3 | K.OA.A.1, K.OA.A.2 | K.OA.A.1, K.OA.A.2, K.OA.A.3 | K.OA.A.1, K.OA.A.2, K.OA.A.3 | K.CC.A.1, K.CC.A.2, K.OA.A.1, K.OA.A.2, K.OA.A.3 |
| AR Math Practice Standards | MP. 1, 2, 6 MLR 8-Action/Expression | MP. 2 MLR 8- Representation | MP. 2, 4, 6 MLR 8-Action/Expression | MP. 2, 3, 6, 7 MLR 8-Representation | MP. 2 MLR 7-Representation |
| Vocabulary Focus | | | | | |
| Lesson Materials/ Resources | Lesson 5- (IM Slide) Connecting cubes Two-color counters Make or Break Number Mat Make or Break Recording Sheet Make or Break Dot Page | Lesson 6- (IM Slide) Connecting cubes Two color counters | Lesson 7- (IM Slide) Connecting cubes or two-color counters Math Stories (3) Pictures Math Stories (3) Recording Sheet | Lesson 8- (IM Slide) Connecting cubes or two-color counters | Lesson 9- (IM Slide) Connecting cubes Two color counters |
| Assessment | Checkpoint B Assessment | Checkpoint B Assessment | Checkpoint B Assessment | Cool Down Checkpoint B Assessment | Section B Practice Problems Checkpoint B Assessment |
| Suggested Centers/ Materials/ Resources | What's Behind My Back (1) 5-Frames (1-2) | What's Behind My Back (1) 5-Frames (1-2) Make or Break Apart Numbers(1) | What's Behind My Back (1) 5-Frames (1-2) Make or Break Apart Numbers(1) | What's Behind My Back (1) 5-Frames (1-2) Make or Break Apart Numbers(1) Math Stories (1-3) | What's Behind My Back (1) 5-Frames (1-2) Make or Break Apart Numbers(1) Math Stories (1-3) |

Grade K Unit 5 Section C

Composing and Decomposing Numbers to 10 Lessons 10-15

Goals:

- Students compose and decompose numbers within 10.
- For any number from 1 to 9, find the number that makes 10 when added to the given number.

| IM Lesson | L10: Introduce the 10-frame | L11: Equations that Show 10 | L12: How Many Are Missing? | L13: Make 10 | L14: Towers of 10 | L15: Lots of Fruit (optional) |
|---|--|---|---|--|--|---|
| Ar Math Content Standards | K.CC.B.4, K.CC.B.5 | K.OA.A.1 | K.OA.A.3, K.OA.A.4 | K.CC.C.6, K.OA.A.4 | K.CC.A.3, K.OA.A.4 | K.OA.A.1, K.OA.A.2, K.OA.A.3 |
| AR Math Practice Standards | MP. 7, 8 MLR 8- Representation | MP. 2 MLR 8- Representation | MP. 8 MLR8-Engagement | MP. 5, 7 MLR8-Engagement | MP. 2, 5 MLR8-Action and Expression | MP. 1, 3 MLR8-Action and Expression |
| Vocabulary Focus | | equation | | | | |
| Lesson Materials/ Resources | Lesson 10- (IM Slide) Glue Scissors Two color counters 5-Frames to Cut Out Numbers on Fingers and 10-Frames | Lesson 11- (IM Slide) Crayons *each student needs at least 2 different colored crayons | Lesson 12- (IM Slide) Cups Two color counters *each group of 2 needs 1 cup and 10-two color counters | Lesson 13-(IM Slide) Connecting cubes Two color counters Math Fingers (4) Recording Sheet 10-Frame Standard Number Mat 1-9 | Lesson 14-(IM Slide) 10-Frames Connecting cubes *each group of 2 needs 20 cubes Two color counters What's Behind My Back Recording Sheet | Lesson 15-(IM Slide) Connecting cubes *each group of 2 needs 1 cube Two color counters *each group of 2 needs at least 10 2-color counters Number Mat 4-10 |
| Assessment | Checkpoint C Assessment | Checkpoint C Assessment | Checkpoint C Assessment | Cool Down Checkpoint C Assessment | Section C Practice Problems Checkpoint C Assessment | Checkpoint C Assessment End-of Unit Assessment |
| Suggested Centers/ Materials/ Resources | Shake and Spill (1-3) Counting Collections (1) Roll and Add (1-2) | Shake and Spill (1-3) Counting Collections (1) Roll and Add (1-2) | Shake and Spill (1-3) Counting Collections (1) Roll and Add (1-2) | Math Fingers (1-4) Shake and Spill (1-3) Counting Collections (1) Roll and Add (1-2) | What's Behind My Back (1-2) Math Fingers (1-4) Shake and Spill (1-3) Counting Collections (1) Roll and Add (1-2) | |

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