

Grade K Unit 4 Section A

Understanding Addition and Subtraction Lessons 1-5

Goals:

- Students relate counting to addition and solve addition and subtraction story problems within 10.
- Understand addition as putting together and subtraction as taking from.
- [Kinder Unit 4- I Can Statements](#)
- [Kinder Unit 4 Centers](#)
- [Unit 4 Digital Resources, Unit 4 Slides \(made by Britnee Wright- not updated to V1\)](#)

| IM Lesson | L1: Count 2 Groups of Objects | L2: Count 2 Groups of Images | L3: Count 2 Groups of Scattered Images | L4: Add with Objects | L5: Subtract with Objects |
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| Ar Math Content Standards | K.CC.B.5, K.OA.A.1 | K.CC.B.5, K.OA.A.1 | K.CC.A.1 K.CC.B.5 | K.CC.B.5, K.OA.A.1 | K.CC.B.5, K.OA.A.1 |
| AR Math Practice Standards | MP. 1, 2, 3 MLR 8- Action/Expression | MP. 7 MLR 8- Action/Expression | MP. 6 MLR 8- Representation | MP. 7 MLR 8- Representation | MP. 7 MLR 8- Representation |
| Vocabulary Focus | add | | | | subtract |
| Lesson Materials/ Resources | Lesson 1- (IM Slide) Pattern blocks -groups of 2 need a bag of up to 10 pattern blocks (squares and triangles) Connecting cubes -each need a tower of 5 connecting cubes | Lesson 2- (IM Slide) Connecting cubes Questions About Us Chart 5-Frame Template (1 per student) Dots on 5-Frame Cards (1 set per student) Roll and Add Stage 1 Dot Images Mat Roll and Add Stage 1 Recording Sheet | Lesson 3- (IM Slide) | Lesson 4- (IM Slide) 5 frames Connecting cubes(each group of 2 needs 1) Counters Number Mat 1-5 Questions About Us Chart 5-Frame Template (1 per student) | Lesson 5- (IM Slide) Connecting cubes(each group of 2 needs 1) Counters Number Math 1-5 |
| Assessment | Checkpoint A Assessment | Checkpoint A Assessment | Checkpoint A Assessment | Checkpoint A Assessment | Checkpoint A Assessment Section A Practice Problems |
| Suggested Centers/ | Math Libs (stage 1) Match Mine (stage 1) | Roll and Add (stage 1) Math Libs (stage 1) Match Mine (stage 1) | Roll and Add (stage 1) Math Libs (stage 1) Match Mine (stage 1) | Roll and Add (stage 1) Math Libs (stage 1) Match Mine (stage 1) 5 Frames (stage 1) | Roll and Add (stage 1) Math Libs (stage 1) Match Mine (stage 1) 5 Frames (stage 1) |

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| Materials/ Resources | | | | | |
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Grade K Unit 4 Section B

Understanding Addition and Subtraction Lessons 6-13

Goals:

- Students relate counting to addition and solve addition and subtraction story problems within 10.
- Represent and solve Add To, Result Unknown and Take From, Result Unknown story problems within 10.
- [Kinder Unit 4- I Can Statements](#)
- [Kinder Unit 4 Centers](#)
- [Unit 4 Digital Resources](#), [Unit 4 Slides \(made by Britnee Wright- not updated to V1\)](#)

| IM Lesson | L6: Tell and Act Out Stories | L7: Use Objects to Represent Stories | L8: Represent and Solve Story Problems | L9: Solve Story Problems | L10: Compare Drawings |
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| Ar Math Content Standards | K.CC.B.5, K.OA.A.1, K.OA.A.2 | K.CC.B.5, K.OA.A.1, K.OA.A.2 | K.OA.A.1, K.OA.A.2 | K.CC.A.3, K.CC.B.5, K.OA.A.1, K.OA.A.2 | K.CC.B.5, K.OA.A.1, K.OA.A.2 |
| AR Math Practice Standards | MP. 2, 7 MLR 8- Engagement | MP. 2, 6 MLR 8- Representation | MP. 2,5 MLR 8-Action/Expression | MP. 2 MLR 8-Representation | MP. 2, 7 MLR 8-Representation |
| Vocabulary Focus | | | | | |
| Lesson Materials/ Resources | Lesson 6- (IM Slide) Connecting cubes(each group of 2 needs 10 cubes) Number Mat 1-5 | Lesson 7- (IM Slide) Two-color counters(each student needs a bag of 10 counters) Playing on the Playground Math Stories Stage 2-Backgrounds | Lesson 8- (IM Slide) Connecting cubes or two-color counters Crayons | Lesson 9- (IM Slide) Connecting cubes or two-color counters Markers Math Fingers Stage 3 Recording Sheet | Lesson 10- (IM Slide) Connecting cubes Two color counters Dot Mat 1-5 (dots and 5-frames) Bingo Stages 1-3 Gameboard Questions About Us Chart 5-Frame Template(1 per student) |
| Assessment | Checkpoint B Assessment | Checkpoint B Assessment | Checkpoint B Assessment | Checkpoint B Assessment | Checkpoint B Assessment |
| Suggested Centers/ | Subtraction Towers (stage 1) Counting Collection (stage 1) 5-Frames (stage 1-2) | Subtraction Towers (stage 1) Counting Collection (stage 1) 5-Frames (stage 1-2) Build Shapes (stage 1-2) Math Stories (stage 2) | Subtraction Towers (stage 1) Counting Collection (stage 1) 5-Frames (stage 1-2) Build Shapes (stage 1-2) Math Stories (stage 1) | Subtraction Towers (stage 1) Counting Collection (stage 1) 5-Frames (stage 1-2) Build Shapes (stage 1-2) Math Stories (stage 1) | Subtraction Towers (stage 1) Counting Collection (stage 1) 5-Frames (stage 1-2) Build Shapes (stage 1-2) Math Stories (stage 1) |

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| Materials/ Resources | Build Shapes (stage 1-2) | | | Math Fingers (stage 3) | Math Fingers (stage 3) Bingo (stage 3) |
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Grade K Unit 4 Section B

Understanding Addition and Subtraction Lessons 6-13

Goals:

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- Represent and solve Add To, Result Unknown and Take From, Result Unknown story problems within 10.
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- [Kinder Unit 4 Centers](#)
- [Unit 4 Digital Resources, Unit 4 Slides \(made by Britnee Wright- not updated to V1\)](#)

| IM Lesson | L11: Drawings to Represent Story Problems | L12: Compare Addition and Subtraction Story Problems | L13: Create Story Problems *optional lesson* |
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| Ar Math Content Standards | K.OA.A.2 | K.CC.A.1, K.OA.A.2 | K.CC.A.3, K.CC.B.5, K.OA.A.1, K.OA.A.2 |
| AR Math Practice Standards | MP. 2, 5 MLR 8- Action/Expression | MP. 2, 3 MLR 8- Action/Expression | MP. 7 MLR 2- Representation |
| Vocabulary Focus | | expression | |
| Lesson Materials/ Resources | Lesson 11- (IM Slide) Connecting cubes/two-color counters | Lesson 12- (IM Slide) Connecting cubes/two-color counters | Lesson 9- (IM Slide) Connecting cubes Two-color counters(each group of 2 needs 10 counters) Math Stories Stage 2 Backgrounds Questions About Us Chart 5- Frame Template(1 per student) Math Stories Stage 2 Recording Sheet |
| Assessment | Checkpoint B Assessment | Checkpoint B Assessment | Checkpoint B Assessment Section B Practice Problems |
| Suggested Centers/ Materials/ Resources | Subtraction Towers (stage 1) Counting Collection (stage 1) | Subtraction Towers (stage 1) Counting Collection (stage 1) | Subtraction Towers (stage 1) Counting Collection (stage 1) |

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| | 5-Frames (stage 1-2) Build Shapes (stage 1-2) Math Stories (stage 1) Math Fingers (stage 3) Bingo (stage 3) | 5-Frames (stage 1-2) Build Shapes (stage 1-2) Math Stories (stage 1) Math Fingers (stage 3) Bingo (stage 3) | 5-Frames (stage 1-2) Build Shapes (stage 1-2) Math Stories (stage 1) Math Fingers (stage 3) Bingo (stage 3) |
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Grade K Unit 4 Section C

Understanding Addition and Subtraction Lessons 14-18

Goals:

- Students relate counting to addition and solve addition and subtraction story problems within 10.
- Find the value of addition and subtraction expressions within 10.
- Relate addition and subtraction expressions to story problems.
- [Kinder Unit 4- I Can Statements](#)
- [Kinder Unit 4 Centers](#)
- [Unit 4 Digital Resources, Unit 4 Slides \(made by Britnee Wright- not updated to V1\)](#)

| IM Lesson | L14: Expressions and Story Problems | L15: Expression and Drawings | L16: Find the Value of Expressions | L17: Add 0 and 1 | L18: Tell Story Problems for Expressions *optional lesson* |
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| Ar Math Content Standards | K.CC.A.2, K.OA.A.1 K.OA.A.2 | K.CC.A.2, K.OA.A.1 K.OA.A.2 | K.OA.A.1, K.OA.A.2 | K.CC.A.3, K.CC.B.4, K.OA.A.1, K.OA.A.2 | K.CC.A.1, K.CC.A.2, K.OA.A.1, K.OA.A.2 |
| AR Math Practice Standards | MP. 2 MLR 8- Representation | MP. 2, 7 MLR 8- Action/Expression | MP. 2 MLR 8- Action/Expression | MP. 7 MLR 2- Representation | MP. 4 MLR 8- Engagement |
| Vocabulary Focus | | | | | |
| Lesson Materials/ Resources | Lesson 14- (IM Slide) Connecting cubes/counters | Lesson 15- (IM Slide) Crayons Two-color counters Shake and Spill Stage 3 Recording Sheet | Lesson 16- (IM Slide) Connecting cubes/counters (each group of 2 needs 1) Number Mat 1-5 Roll and Add Stage 2 Recording Sheet | Lesson 17- (IM Slide) Connecting cubes/counters Find the Value Expressions within 10 Recording Find the Value of Expressions within 10 Stage 1 Cards Add 0 and 1 Mat | Lesson 18- (IM Slide) |
| Assessment | Checkpoint C Assessment | Checkpoint C Assessment | Checkpoint C Assessment | Checkpoint C Assessment | Checkpoint C Assessment Section C Practice Problems |

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| Suggested Centers/ Materials/ Resources | Number Race (stage 1-2) Math Stories (stage 1-2) | Number Race (stage 1-2) Math Stories (stage 1-2) Shake and Spill (stage 3) | Number Race (stage 1-2) Math Stories (stage 1-2) Shake and Spill (stage 3) Roll and Add (stage 2) | Number Race (stage 1-2) Math Stories (stage 1-2) Shake and Spill (stage 3) Roll and Add (stage 2) Find the Value of Expressions (stage 1) | Number Race (stage 1-2) Math Stories (stage 1-2) Shake and Spill (stage 3) Roll and Add (stage 2) Find the Value of Expressions (stage 1) |
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Created by Jill Jones, and updated by Britnee Wright