

Teacher's Guide 1A (published by Rosenbaum Foundation)

Teaching Activity sequence:

1. Numbers 1 to 10

8 Sessions (page 1)

Activity 1-1a: Mental image for digits 0 to 9.

Activity 1-1b: Count within 10.

Textbook: Page 10: Exercises 1, 2 and 3.

Workbook I: Page 7: Exercise 2.

Activity 1-1c: Match different representations of a number within 10.

Workbook I: Page 5: Exercise 1.

Activity 1-1 d: Compare two numbers within 10.

Textbook: Page 13: Exercises 4 and 5.

Workbook I: Page 9: Exercise 3.

Activity 1-1e: Count from 0 to 10.

Textbook: Page 14: Exercises 6 and 7.

Workbook I: Page 11: Exercise 4.

Activity 1-1f: Count backward from 10 to 0.

Textbook: Page 14: Exercises 8 and 9.

Activity 1-1g: Arrange numbers 0 to 10 in order.

Textbook: Page 15: Exercise 10.

Activity 1-1h: Application.

2. Number-bonds

8 Sessions (page 14)

Activity 2-1a: Number-stories.

Activity 2-1b: Number-stories.

Activity 2-1c: Number-bond diagrams.

Textbook: Page 18: Exercises 1, 3 and 5.

Activity 2-1d: Numbers that make a given number.

Activity 2-1 e: Number-bonds of a given number.

Textbook: Page 18: Exercises 2, 4, 6, 7 and 8.

Workbook I: Page 13: Exercise 5, 6, 7, 8 and 9.

Activity 2-1 f: Missing part of a number-bond.

Textbook: Page 22: Exercises 9 and 10.

Workbook I: Page 18: Exercise 10.

Activity 2-1g: Number pairs that make 10.

Workbook I: Page 21: Exercise 11.

Activity 2-1h: Group activities.

3. Addition

14 Sessions (page 24)

Activity 3-1a: Adding.

Activity 3-1b: Addition-sentence.

Activity 3-1c: Number-stories.

Textbook: Page 27: Exercises 1, 2, and 3.

Workbook I: Page 23: Exercises 12, 13 and 14.

Activity 3-1d: Review.

Activity 3-2a: Addition-facts.

Textbook: Page 31: Exercises 1, 2 and 3.

Workbook I: Page 29: Exercises 15 and 16.

Activity 3-2b: Addition-facts.

Activity 3-2c: Addition-facts.

Activity 3-2d: Addition-facts.
Activity 3-2e: Addition-facts.
Workbook I: Page 34: Exercise 17.
Activity 3-2f: Addition-facts.
Activity 3-3a: "Count on" strategy.
Textbook: Page 34: Exercises 1, 2, 3 and 4.
Workbook I: Page 36: Exercise 18.
Activity 3-3b: "Count-on" game.
Activity 3-3c: Make 10.
Textbook: Page 36: Exercises 5, and 6.
Workbook I: Page 38: Exercise 19.
Activity 3-3d: Game: Addition-facts.

4. Subtraction

15Sessions (page 41)

Activity 4-1a: Taking-away and Minus.
Activity 4-1b: Subtraction stories.
Activity 4-1c: Comparison of subtraction and addition.
Activity 4-1d: Comparison of subtraction and addition.
Activity 4-1e: Review.
Textbook: Page 41: Exercises 1 and 2.
Workbook I: Page 39: Exercises 20 and 21.
Activity 4-1f: Subtraction facts.
Textbook: Page 43: Exercise 3.
Workbook I: Page 43: Exercise 22.
Activity 4-1g: Subtraction facts.
Activity 4-2a: Taking-away and minus.
Textbook: Pages 44-46: Exercises 1, 2 and 3.
Workbook I: Page 46: Exercises 23 and 24.
Activity 4-2b: Addition- and subtraction- facts.
Textbook: Page 47: Exercises 4.
Workbook I: Page 50: Exercises 25 and 26.
Activity 4-2c: Subtraction-facts.
Activity 4-2d: Count-back strategy.
Textbook: Pages 48-49: Exercises 5-8.
Workbook I: Page 54: Exercise 27.
Activity 4-2e: Count-back game.
Activity 4-2f: Adjacent numbers.
Textbook: Page 50: Exercise 9.
Activity 4-2g: Make 10.
Textbook: Page 50: Exercises 10 and 11.
Workbook I: Page 56: Exercise 28.
Activity 4-2h: Review.
Textbook: Page 51: Exercise 12.

Workbook I: Page 57: Exercises 29-31.

5. Ordinal Numbers

3 Sessions (page 56)

Activity 5-1a: Introduction.
Activity 5-1b: Ordinal numbers versus numbers.
Textbook: Page 53: Exercise 1.
Workbook I: Page 64: Exercise 32.
Activity 5-1c: Counting from both ends of a sequence.
Textbook: Page 53: Exercise 2.

Workbook I: Page 66: Exercises 33 and 34.

6. Numbers to 20

11 Sessions (page 59)

Activity 6-1a: Count within 20 by making 10 first.

Activity 6-1b: Tens and ones.

Textbook: Page 56: Exercises 1, 2, 3 and 4.

Workbook II: Page 5: Exercises 35, 36 and 37.

Activity 6-1c: Count back from 20.

Textbook: Page 58: Exercises 5 and 6.

Workbook II: Page 12: Exercise 38.

Activity 6-1d: Compare.

Textbook: Page 60: Exercises 7 to 11.

Workbook II: Page 14: Exercise 39, Problems 1-4.

Activity 6-1e: Ordered sequence.

Workbook II: Page 16: Exercise 39, Problems 5 and 6.

Activity 6-2a: "Make 10" strategy for adding.

Textbook: Page 63: Exercises 1 and 2.

Workbook II: Page 17: Exercises 40 and 41.

Activity 6-2b: Adding a 2-digit number and a 1-digit number.

Textbook: Page 65: Exercises 3 and 4.

Workbook II: Page 21: Exercise 42.

Activity 6-2c: Subtraction of a 1-digit number from a 2-digit number.

Textbook: Page 65: Exercises 5 and 6.

Workbook II: Page 24: Exercise 43.

Activity 6-2d: Subtraction of a 1-digit number from a 2-digit number.

Textbook: Page 66: Exercises 7 and 8.

Workbook II: Page 27: Exercise 44.

Activity 6-2e: Review –Adding by counting-on.

Textbook: Page 67: Exercises 9 and 10.

Activity 6-2f: Review –Subtraction by counting-back.

Textbook: Page 67: Exercises 11 and 12.

Workbook II: Page 30: Exercises 45 to 49.

Workbook II: Page 38: Revision (Review) 4 and 5.

7. Shapes

5 Sessions (page 72)

Activity 7-1a: Describing shapes.

Activity 7-1b: Basic geometrical shapes.

Textbook: Pages 69-70: Exercise 1.

Workbook II: Pages 46-51: Exercises 50 and 51.

Activity 7-1c: Attributes.

Textbook: Pages 71-73: Exercise 2.

Workbook II: Pages 52-56: Exercises 52 and 53.

Activity 7-1d: Repeated patterns.

Textbook: Pages 74-75: Exercises 3 and 4.

Workbook II: Pages 57-58: Exercise 54.

Activity 7-1e: Construction of shapes.

Textbook: Pages 76-77: Exercises 5, 6 and 7.

Workbook II: Page 59: Exercise 55.

8. Length

2 Sessions (page 77)

Activity 8-1a: Comparison of lengths.

Textbook: Page 80: Exercises 1 to 4.

Workbook II: Page 60: Exercises 56 and 57.

Activity 8-2a: Measurement of length.

Textbook: Page 82: Exercises 1 and 2.

Workbook II: Page 64: Exercise 58.

9. Weight

2 Sessions (page 84)

Activity 9-1a: Comparison of weight.

Textbook: Page 84: Exercises 1, 2 and 3.

Workbook II: Page 67: Exercise 59.

Activity 9-2a: Measurement of weight.

Textbook: Page 88: Exercises 1 and 2.

Workbook II: Page 69: Exercises 60 and 61.

Workbook II: Page 73: Review (Revision) 6 and 7.

ANSWER SHEETS

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