

Really Good Stuff® Activity Guide

Exploring Numbers Center Kit

Congratulations on your purchase of this Really Good Stuff® **Exploring Numbers Center Kit**—an interactive math literacy center kit for reinforcing number skills and number words.

This Really Good Stuff® product includes:

- 101 two-sided cards with numbers and number words, laminated
- Five number poem strips, laminated
- This Really Good Stuff® Activity Guide

Preparing the Exploring Numbers Center Kit

Punch out the cards along the perforations. Store the number cards in a plastic storage bag. Keep the poems strips together with a rubber band or a large paper clip. Place both sets of cards in a large folder made by folding over a 12" by 18" piece of tag board labeled *Exploring Numbers Center Kit*. The Really Good Stuff® Tri-Fold Multipurpose Center Organizer (#155788) and the Really Good Stuff® Everyday Pocket Chart (#147969) are two great ways to display and store the cards, strips, and reproducibles for easy student access.

Find the Group

Make copies of the *Find the Group Reproducible* and keep them in the Numbers Literacy Center. Provide each student with a turn to use the literacy center. Tell students to find a group of things in the room that matches the number in each box. Have students draw the correct number of items in the boxes. If students do not finish their work in the time given for the first center visit, have them save the incomplete paper in a specially designated place and complete it at a later date.

Handwriting Practice

Make copies of the *Handwriting Practice Reproducible* and keep them in the Numbers Literacy Center. The reproducible is printed in two different fonts to meet your program needs. Provide each student with several turns to use the literacy center and complete the *Handwriting Practice* sheet. Tell the students to use their best handwriting. If students do not finish their work in the time given for the first center visit, have them save the incomplete paper in a specially designated place and complete it at a later date.

Number Poem

Introduce the poem by displaying the poem strips on the whiteboard or chart paper. Make sure all students can see the poem. Read the poem aloud twice to the students, pointing to each letter and word as you read them. Read the poem a third time, encouraging students to read along with you. Tell the students that you will now share the reading with them. You will read the words, and the students will read the numbers as you point to each one. Repeat the shared reading several times to build fluency.

Keep the poem strips in the Numbers Literacy Center for students to use as they work. Tell the students to practice reading the poem aloud with each other, encouraging sight-word recognition and fluency practice.

Make copies of the *Number Poem Reproducible* for students to store in their poetry notebooks or folders. Have them highlight the high-frequency words that they know. Ask them to circle every other number in red. Talk about odd and even numbers using the color pattern that students made with the red circles. Point out the line breaks. Find the rhyming words. Encourage the students

to take out their poems during independent reading to practice and improve fluency.

Numbers Literacy Center Games

Copy the *Game Directions Reproducible* and cut it apart as needed. Store a copy of the game directions in the literacy center with the letter and picture cards.

Number Match

Copy the *Number Match Reproducible* for each of your students. This double match exercise may be new for some children. Give specific directions about matching the first column to the middle column followed by matching the middle column to the last column.

Odds and Evens

Review the terms "odd" and "even" with the class. Using the number cards, place them in a center organizer or pocket chart. Alternate card sides, starting with the number zero, by placing the cards in this pattern: number side up, number word side up, number side up, number word side up. Identify the pattern as an odd/even pattern. All of the number-side-up cards will be in black print and will represent the even numbers. All of the number-word-side-up cards will have red letters and represent the odd numbers. Read the even numbers together with the class. Tell the students to listen to the pattern. Write the pattern down on the whiteboard or easel in this line up:

0, 2, 4, 6, 8
10, 12, 14, 16, 18
20, 22, 24, 26, 28 etc.

Point out the repeating number pattern. Do the same for the odd numbers. After modeling the odd/even counting patterns orally and visually, model the following game for the students.

Odd/Even Game

Get the number cards from 0 to 19. Place them in a center organizer or pocket chart. Alternate card sides, starting with the number zero, by placing them in this pattern: number side up, number word side up, number side up, number word side up. Identify the pattern as an odd/even pattern. All of the number-side-up cards will be in black print and will represent the even numbers. All of the number-word-side-up cards will have red letters and blue dots and represent the odd numbers. Write the odd numbers on one side of a piece of paper and label it *Odd Numbers*. Write the even numbers on the other side of the piece of paper and label it *Even Numbers*.

Challenge more advanced students to take a group of 20 sequential numbers from farther on in the number card set. Ask them to find the odds and evens in that set.

Read and Write Numbers

Set up the cards as described in the game above, with every other card showing a numeral and all the others showing a number word. For early learners, set up the numbers from 0 through 10, for most first graders use the numbers from 0 through 20, and for more advanced learners use any consecutive group of numbers between 0 and 100. Tell the students to write the numerals for each card (without checking the back of the cards until they are finished) on a piece of paper. Make copies of the *Number Words Reproducible* and store them in the Numbers Literacy Center. Have students complete the sheets to practice writing the numbers eleven through nineteen.

All activity guides can be found online:

1 2 3 4 5 6

Numbers Poem

Numbers, numbers everywhere,
On the ground and in the air.

You will use them every day,
As you work and learn and play.

7
8
9
10
11
12
13
14
15
16
17
18
19
20
21

7

8

9

10

11

12

13

14

15

16

Name _____

HANDWRITING PRACTICE

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

Name _____

Date _____

Number Match

Directions: Match the numbers to the number words and the number words to the correct number of dots.

- | | | |
|----|-------|-------------|
| 1 | nine | ●●●●● |
| 2 | three | ●●●●● ●●● |
| 3 | six | ●● |
| 4 | ten | ●●●●● ●●●●● |
| 5 | one | ●●●● |
| 6 | eight | ● |
| 7 | two | ●●●●● ●● |
| 8 | four | ●●●●● ● |
| 9 | five | ●●●●● ●●●●● |
| 10 | seven | ●●● |

Name _____

HANDWRITING PRACTICE

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

Name _____ Date _____

Write the Number Words

Directions: Practice writing the words that match the numbers.

11 _____ eleven

12 _____ twelve

13 _____ thirteen

14 _____ fourteen

15 _____ fifteen

16 _____ sixteen

17 _____ seventeen

18 _____ eighteen


19 _____ nineteen

Name _____ Date _____

Find the Group

Directions: Find a group of things in our classroom that matches the number in each box. Draw a picture of the group. Make sure that you draw the correct number of things in the box.

2



3



4




5



6



7



8



9



CHALLENGE: On the back draw a group of 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.

Game Directions

Cut apart the directions for the different games students can play at the Numbers Literacy Center. Place the directions and the cards in a plastic bag for easy storage. Make sure that you model each game before allowing the students to play independently.

Odd/Even Game

1. Turn every other card to the numeral side.
2. Write the even numbers on one side of a piece of paper. Label them Even Numbers.
3. Write the odd numbers on the other side of your paper. Label them Odd Numbers.
4. Check your work.

Read and Write Numbers

1. Turn every other card to the numeral side.
2. Write the numeral for each card.
3. Check your work.

13 14 15 16