# DECEMBER MATH AND LITERACY CENTERS





34 SENTERS

CENTERS KINDERGARTEN

# **DECEMBER CENTERS**

The December Math and Literacy Centers are sure to be a hit with your students! The Christmas math and literacy activities are a versatile and engaging way for students to work with a variety of Kindergarten skills and outcomes. Students can complete the activities using printable spinners and cards OR the digital dice. This provides flexibility with teaching in the classroom or with distance learning.

The Christmas centers and activities are a ton of fun and easy to prep.

Each math and literacy center includes:

- colorful activity mats
- Ink-saving worksheets
- printable spinners or cards
- digital dice

To complete the activities, the only supplies you need are small math manipulatives such as math cubes or pencils, markers, and crayons.

# **DECEMBER CENTERS**

Included in the December Math and Literacy Centers are:

- 45 colorful math and literacy mats
- 45 worksheets
- 27 virtual dice

The December Math and Literacy Centers theme is <u>Christmas</u>. Skills and outcomes covered include:

- Numbers 1-5
- Numbers I-10
- Numbers I-20
- Number Order
- Number Words
- Tens and Ones
- Tally Marks
- Number Comparison
- Making 10
- Number Bonds for 5 and 10
- Addition
- Subtraction

- Letter Identification
- Consonants and Vowels
- Uppercase and Lowercase Letters
- Letter Writing
- Syllables
- ABC Order
- Pre-Primer Sight Words
- CVC Word Families
- Beginning Sounds
- Middle Sounds
- Spelling CVC Words
- Holiday Vocabulary

# **DECEMBER CENTERS**

Using these digital dice and activities couldn't be easier! Each digital dice is a PowerPoint presentation. All you need to do is play the slideshow and with the press of a button, click of a mouse, or swipe on a touchpad, the dice will roll on your screen. The best part is that these dice are not limited by six sides like traditional dice.

\*IN ORDER FOR THE DIGITAL DICE TO WORK, THEY MUST BE PLAYED IN PRESENTATION MODE IN MICROSOFT POWERPOINT. THE DIGITAL DICE ARE COMPATIBLE WITH POWERPOINT MOBILE AND THE DESKTOP VERSIONS OF POWERPOINT (PowerPoint versions 2007 or later AND Macintosh PowerPoint 2013). THE DIGITAL DICE DO NOT WORK IN POWERPOINT FOR THE WEB, GOOGLE SLIDES OR KEYNOTE.\*

# 34 KINDERGARTEN MATH AND LITERACY CENTERS



# PRINT AND DIGITAL DICE OPTIONS











# COLOR AND WORKSHEETS



Math Center	Digital Dice Name	Printable Supplies	Standard
Count and Cover Christmas Trees I-10	Numbers I-10, Number Words I-10	Number Cards I-10 or Spinner I-10	K.CC.B.4, K.CC.B.5
Count and Cover Christmas Ornaments I-10	Numbers I-10, Number Words I-10	Number Cards I-IO or Spinner I-IO	K.CC.B.4, K.CC.B.5
Count and Cover Christmas Stockings I- IO	Numbers I-10, Number Words I-10  Number Cards I-10 or Spinner I-10		K.CC.B.4, K.CC.B.5
Build a Number: Ten Frame I-10	Numbers I-10 Number Cards I-10 or Spinner I-10		K.CC.B.4
Number Words I-IO	Numbers I-10 Number Cards I-10 or Spinner I-10		
Ten Frames I-10	Numbers I-10, Number Words I-10 Number Cards I-10 or Spinner I-10		K.CC.B.4, K.CC.B.5
Counting on from I-IO	Numbers I-IO Number Cards I-I5 and Spinner I-IO		K.CC.A.2
Tally Marks I-10	Numbers I-10	Number Cards I-10 or Spinner I-10	K.CC.B.4, K.CC.B.5
Number Comparison I-10	Number Comparison I-10	2x Number Cards I-10 or Double Spinner I-10 Mat	K.CC.C.6, K.CC.C.7
Build a Number: Ten Frames I-20	Numbers I-20	Number Cards I-20	K.CC.B.4
Counting on from II-20	Numbers II-20	Number Cards II-25 and Spinner II-20	K.CC.A.2
Ten Frames I-20	Numbers I-20, Number Words I-20	Number Cards I-20	K.CC.B.4, K.CC.B.5
Base Ten Blocks: Tens and Ones	Numbers I-20	Number Cards I-20	
Number Comparison I-20	Number Comparison I-20	2x Number Cards I-20	K.CC.C.6, K.CC.C.7
Number Words II-20	Numbers II-20	Number Cards II-20 or Spinner II-20	
Making 10 with a Ten Frame	Making 10	Number Cards I-10 and Spinner I-10	
Making 5 Number Bonds	Numbers 1-5	Number Cards I-5 and Spinner I-5	K.0A.A.3
Making 10 Number Bonds	Numbers I-20	Number Cards I-IO and Spinner I-IO	K.OA.A.3, K.OA.A.4
Addition to 10	Addition to 10	Double Spinner I-5 Mat	K.OA.A.2
Subtraction from 5	Numbers I-5	Spinner I-5 and Number Cards I-5	K.OA.A.2, K.OA.A.5
Subtraction from 10	Numbers I-10	Spinner I-10 and Number Cards I-10	K.OA.A.2
Christmas Patterns	Christmas Patterns	Christmas Patterns Spinner	

Literacy Center	Digital Dice Name	Printable Supplies	Standard
Match the Lowercase Letters	Letters A-Z Uppercase Alphabet Cards A-Z Uppercase		RF.K.I.D
Letter Writing / Tracing	Letters A-Z Tracing Uppercase / Lowercase	Letter Tracing A-Z Uppercase / Lowercase	RF.K.I.D
Alphabet Order Uppercase	Letters A-Z Uppercase Alphabet Cards A-Z Uppercase		RF.K.I.D
Alphabet Order Lowercase	Letters A-Z Lowercase Alphabet Cards A-Z Lowercase		RF.K.I.D
Consonants and Vowels	Letters A-Z Lowercase Alphabet Cards A-Z Lowercase		RF.K.I.D
Christmas Syllables	Christmas Syllables Christmas Syllables		RF.K.2.B
Word Family Match Short A	Short A Word Family	Short A Word Family Short A Spinner	
Word Family Match Short E	Short E Word Family	Short E Spinner	RF.K.2.C
Word Family Match Short I	Short I Word Family	Short I Spinner	RF.K.2.C
Word Family Match Short O	Short O Word Family	Short O Spinner	RF.K.2.C
Word Family Match Short U	Short U Word Family	Short U Spinner	RF.K.2.C
Beginning Sounds Match A–Z	Letters A-Z	Alphabet Cards A-Z Lowercase	RF.K.3.A
Middle Sounds Match	Middle Sounds	Vowels Spinner	RF.K.3.B
CVC Words Short A	Number Dice I-6	Number I-6 Spinner or a Dice	RF.K.2.D
CVC Words Short E	Number Dice I-6	Number I-6 Spinner or a Dice	RF.K.2.D
CVC Words Short I	Number Dice 1-6	Number I-6 Spinner or a Dice	RF.K.2.D
CVC Words Short O	Number Dice 1-6	Number I-6 Spinner or a Dice	RF.K.2.D
CVC Words Short U	Number Dice 1-6	Number I-6 Spinner or a Dice	RF.K.2.D
Spell and Cover Sight Words Set I	Sight Words Set I	Sight Word Cards	RF.K.3.C
Spell and Cover Sight Words Set 2	Sight Words Set 2	Sight Word Cards	RF.K.3.C
Spell and Cover Sight Words Set 3	Sight Words Set 3	Sight Word Cards	RF.K.3.C
Spell and Cover Sight Words Set 4	Sight Words Set 4	Sight Word Cards	RF.K.3.C

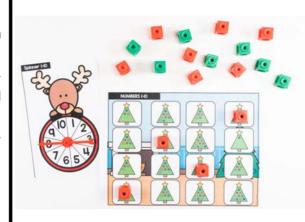
#### Math Center

#### Count and Cover Christmas Trees 1-10

**Skill:** Match the number of ornaments to a numeral or number word.

Supplies: Numbers I-10 Spinner OR Number Words I-10 Spinner OR Numbers I-10 Digital Dice OR Number Words I-10 Digital Dice Instructions: students match the number of ornaments to the spinner or digital dice.

#### Print



#### With Digital Dice



#### Math Center

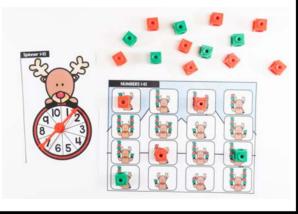
#### Count and Cover Reindeer with Ornaments I-IO

**Skill:** Match the number of ornaments to a numeral or number word.

**Supplies:** Numbers I-10 Spinner OR Number Words I-10 Spinner OR Numbers I-10 Digital Dice OR Number Words I-10 Digital Dice

**Instructions:** students match the number of ornaments to the spinner or digital dice.

#### Print



#### With Digital Dice



#### Math Center

#### Count and Cover Christmas Stockings 1-10 **Skill:** Match the number of Christmas

stockings to a numeral or number word.

Supplies: Numbers I-10 Spinner OR Number
Words I-10 Spinner OR Numbers I-10 Digital
Dice OR Number Words I-10 Digital Dice
Instructions: students match the number
of Christmas stockings to the spinner or

digital dice.

#### Print





#### Math Center With Digital Dice Print Ten Frame I-10 Skill: Count out objects on the ten frame to match the numeral. Supplies: Numbers 1-10 Spinner OR Numbers I-IO Cards or Numbers I-IO Digital Dice Instructions: Students place the matching number of objects on the ten frame. Math Center With Digital Dice Print Number Words I-10 Skill: Read and cover the matching number Supplies: Numbers 1-10 Spinner OR Numbers I-IO Cards OR Numbers I-IO Digital Dice Instructions: Students cover the matching number word. Math Center With Digital Dice Print Ten Frames I-10 Skill: Cover the matching ten frame. Supplies: Numbers 1-10 Spinner OR Numbers I-IO Cards OR Numbers I-IO Digital Dice Instructions: Students cover the matching ten frame.

#### Math Center

#### Counting On I-10

Skill: Count on from a number between I-IO. Supplies: Numbers I-IO Spinner OR Numbers I-IO Digital Dice AND Numbers I-IO Cards Instructions: Students write or place the matching number in the first square. Students count on in the following squares.

#### Print



#### With Digital Dice



#### Math Center

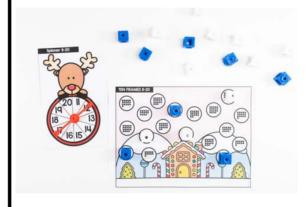
#### Tally Marks I-10

**Skill:** Cover the matching number of tally marks.

Supplies: Numbers 1-10 Spinner OR Numbers 1-10 Cards OR Numbers 1-10 Digital Dice Instructions: Students cover the matching

number of tally marks.

#### Print



#### With Digital Dice



#### Math Center

#### Number Comparison I-10

**Skill:** Build and compare numbers using a ten frame.

**Supplies:** Double Numbers 1-10 Spinner OR Numbers Comparison 1-10 Digital Dice

**Instructions:** Students write and build the number before comparing to find the largest number.

#### Print





#### Math Center

#### Ten Frames I-20

**Skill:** Count out objects on the ten frame to match the numeral.

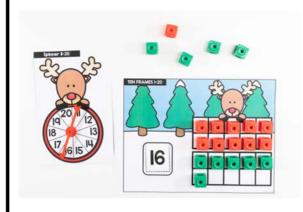
Supplies: Numbers I-20 Number Cards OR

Numbers I-20 Digital Dice

Instructions: Students place the matching

number of objects on the ten frame.

#### Print



#### With Digital Dice



#### Math Center

#### Counting On II-20

**Skill:** Count on from a number between II-20.

**Supplies:** Numbers II-20 Spinner OR Numbers II-20 Digital Dice AND Numbers II-25 Cards

**Instructions:** Students write or place the matching number in the first square. Students count on in the following squares.

#### Print



#### With Digital Dice



#### Math Center

#### Ten Frames II-20

**Skill:** Cover the matching ten frame.

Supplies: Numbers II-20 Spinner OR Numbers II-20 Cards OR Numbers II-20 Digital Dice

**Instructions:** Students cover the matching ten frame.

#### Print





#### Math Center

#### Tens and Ones

**Skill:** Represent a number using base ten blocks.

Supplies: Numbers II-20 Number Cards / Spinner OR Numbers II-20 Digital Dice Instructions: Students build a number between II-20 by decomposing it into tens and ones using base ten blocks.

# Spender 1-20 TENS AND ONES TENS ONES 17 IG 15

Print

#### With Digital Dice



#### Math Center

#### Number Comparison 1-20

**Skill:** Build and compare numbers using a ten frame.

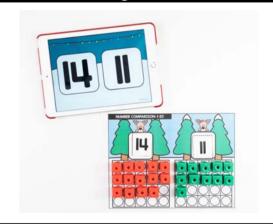
**Supplies:** Two sets of number 1-20 cards OR Numbers Comparison 1-20 Digital Dice

**Instructions:** Students write and build the number before comparing to find the largest number.

#### Print

# Solver I-20 NAMSER COMPARISON I-20 NAMSER COMPARISON

#### With Digital Dice



#### Math Center

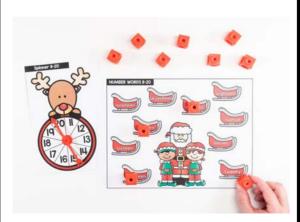
#### Number Words II-20

Skill: Read and cover the matching number word.

**Supplies:** Numbers II-20 Spinner OR Numbers II-20 Cards OR Numbers II-20 Digital Dice

**Instructions:** Students cover the matching number word.

#### Print





#### Math Center With Digital Dice Print Making 10 Skill: Find and represent the pairs of numbers that make 10. Supplies: Numbers 1-10 Spinner OR Making 10 Digital Dice Instructions: • Students spin a number on the spinner and add matching number of blocks to ten frame. How many more blocks are needed to fill the ten frame? Students write the addition fact to represent the ten frame. • Using the Making 10 Digital Dice, students roll a pair of numbers that total 10. Students represent the pair of numbers on the ten frame and write the addition fact. Math Center Print With Digital Dice Making 5 Bonds Skill: Find and represent a number 5 bond. Supplies: Numbers 1-5 Spinner OR Numbers I-5 Cards OR Numbers I-5 Digital Dice Instructions: Students place the matching number of blocks on the five frame. How many more blocks are needed to fill the five frame? Students write the numbers in the squares to complete the number bond.

#### Math Center

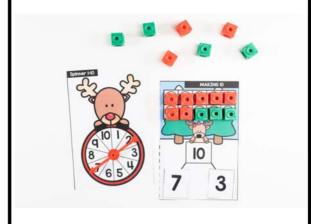
#### Making 10 Bonds

Skill: Find and represent a number 10 bond.

Supplies: Numbers 1-10 Spinner OR Numbers 1-10 Cards OR Numbers 1-10 Digital Dice

Instructions: Students place the matching number of blocks on the ten frame. How many more blocks are needed to fill the ten frame? Students write the numbers to complete the number bond.

#### Print



#### With Digital Dice



#### Math Center

#### Addition to 10

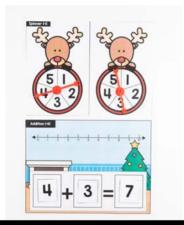
Skill: Add numbers within 10.

Supplies: Numbers 1-5 Double Spinner OR

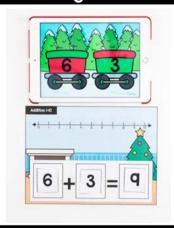
Addition to 10 Digital Dice

**Instructions:** Students write the numbers and find the sum using the number line.

Print



#### With Digital Dice



#### Math Center

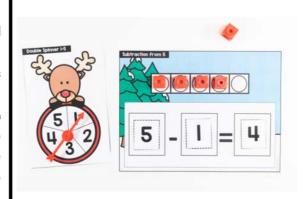
#### Subtraction from 5

**Skill:** Subtract a number from 5 and find the difference.

Supplies: Numbers I-5 Spinner OR Numbers

I-5 Digital Dice

Instructions: Students place 5 blocks on the five frame. Students remove the matching number of blocks from the five frame to find the difference and write the subtraction fact. Print





#### Math Center

#### Subtraction from 10

**Skill:** Subtract a number from 10 and find the difference.

Supplies: Numbers I-10 Spinner OR

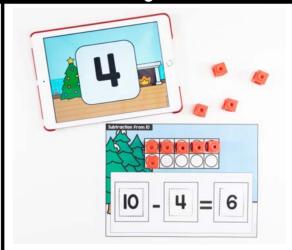
Numbers I-10 Digital Dice

Instructions: Students place 10 blocks on the ten frame. Students remove the matching number of blocks from the ten frame to find the difference and write the subtraction fact.

#### Print



#### With Digital Dice



#### Math Center

#### Christmas Patterns

Skill: Build a pattern.

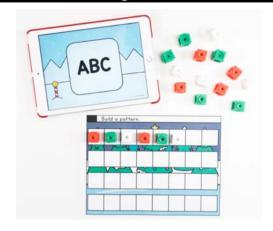
Supplies: Pattern Spinner OR Pattern

Digital Dice

**Instructions:** Students use blocks to build a pattern matching the pattern code.

#### Print





#### Literacy Center

#### Match the Lowercase Letters

**Skill:** Match lowercase letters to uppercase letters.

Supplies: Alphabet Cards A-Z Uppercase OR Letters A-Z Uppercase Digital Dice Instructions: Students match and cover the lowercase letter to the uppercase letter.

#### Print



#### With Digital Dice



#### Literacy Center

### <u>Letter Tracing (Uppercase /</u> Lowercase)

**Skill:** Trace the letter using correct letter formation.

**Supplies:** Letter Tracing Cards Uppercase or Lowercase / Letter Writing Digital Dice

**Instructions:** Students trace the matchina letter.

#### Print

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	n	ū	P	G	Ī
S	Ī	1.1	V	5	. 89
	支	3/2	Z		M

#### With Digital Dice



#### Literacy Center

#### ABC ORDER (Uppercase / Lowercase)

Skill: Match the number of Christmas stockings to a numeral or number word.

Supplies: Alphabet Cards A-Z or Letters A-Z Digital Dice

**Instructions:** Students write or place the matching letter in the first square. Students write the next letters in ABC order.

#### Print



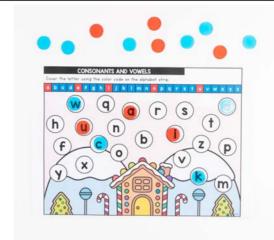
#### Literacy Center

#### Consonants and Vowels

**Skill:** Sort the letters into consonants and vowels

Supplies: Alphabet Cards A-Z lowercase OR Letters A-Z lowercase Digital Dice Instructions: Students cover the matching letter using the consonant and vowel ABC code.

#### Print



#### With Digital Dice



#### Literacy Center

#### Christmas Syllables

**Skill:** Count the number of syllables in a Christmas word.

**Supplies:** Christmas Syllable Cards OR Christmas Syllable Digital Dice

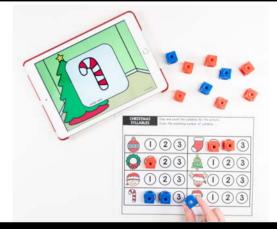
Instructions: Students count and cover

the matching number of syllables.

#### Print



#### With Digital Dice



#### Literacy Center

#### Word Families: Short Vowels (5 Mats)

**Skill:** Match the picture to the short vowel word family.

**Supplies:** Short vowel Spinner OR Short vowel Word Family Digital Dice

**Instructions:** Students find and cover a picture to match the short vowel word family.

#### Print





#### Literacy Center

#### Beginning Sounds Match

**Skill:** Match the beginning sound to each picture.

**Supplies:** Magnetic letters OR Lowercase Letters A-Z OR Letters A-Z Digital Dice

**Instructions:** Students find and cover a picture to match the beginning sound.

#### Print



#### Literacy Center

#### Middle Sounds Match

Skill: Match a picture to the missing middle vowel sound.

Supplies: Vowel Spinner OR Middle

Sounds Digital Dice

**Instructions:** Students find and cover a picture with the matching short vowel sound.

Print



#### With Digital Dice



#### Literacy Center

#### Spell and Cover CVC Words (5 Mats)

Skill: Spell CVC Words

**Supplies:** Magnetic Letters OR Letter Cards AND Spinner Numbers I-6 OR Dice

OR Numbers I-6 Digital Dice

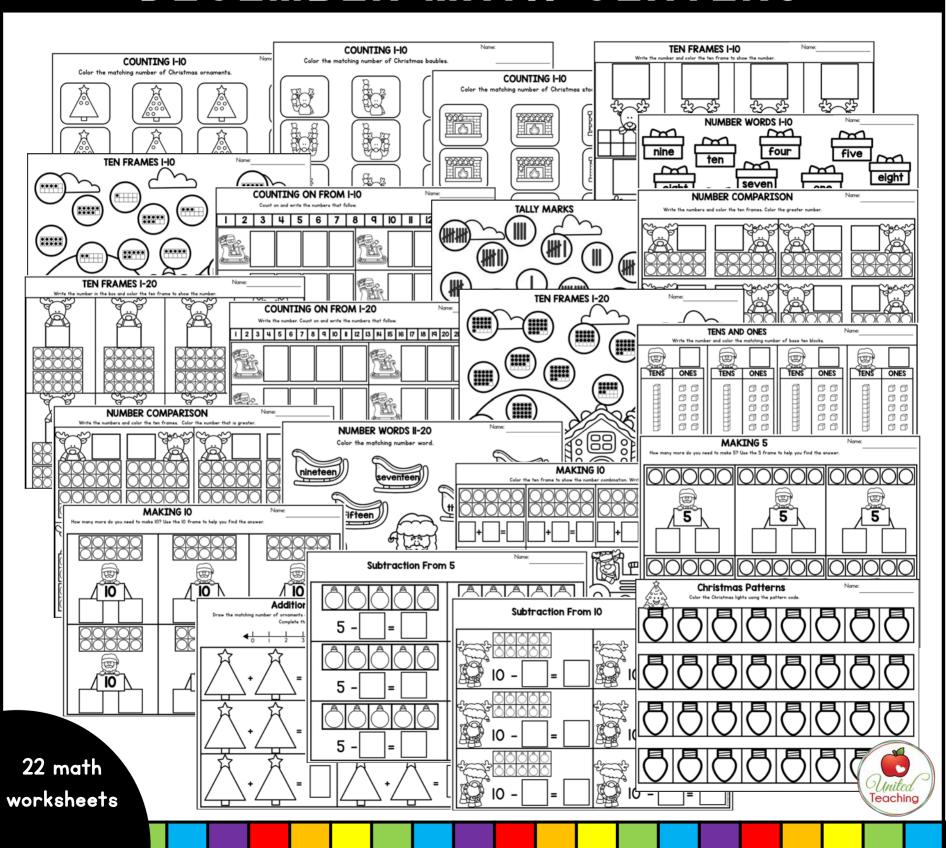
**Instructions:** Students roll or spin a number and spell and cover the matching word.

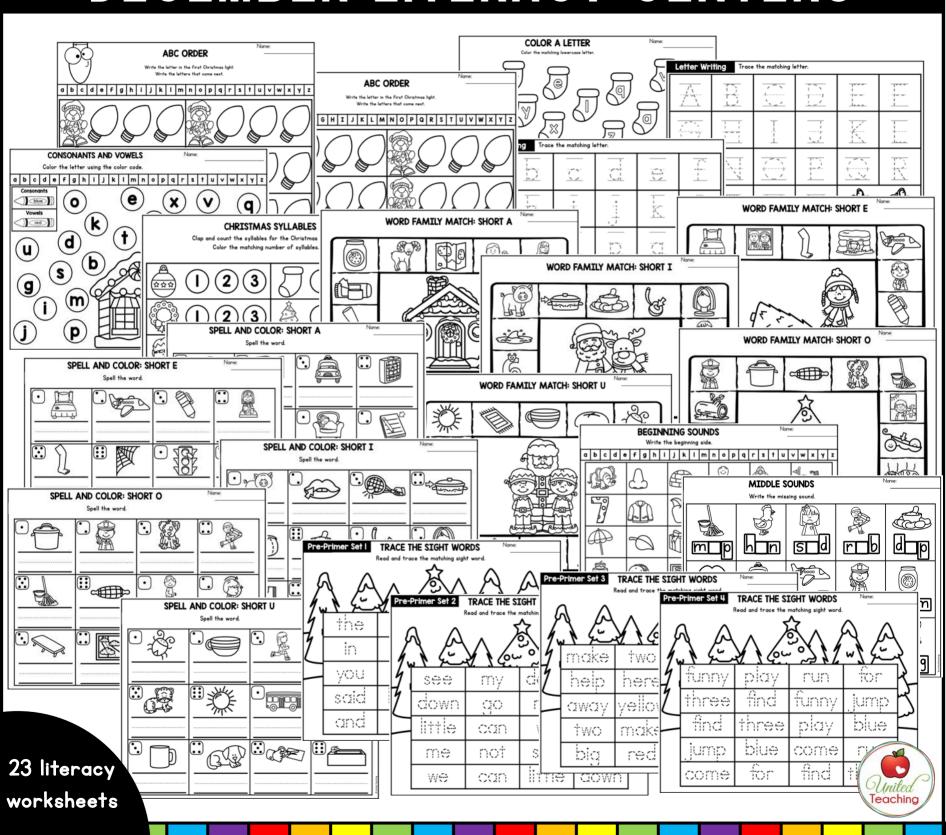
Print





Literacy Center	Print	With Digital Dice
Spell and Cover Sight Words  Skill: Read and Spell Pre-Primer Sight Words  Supplies: Magnetic Letters OR Letter Cards AND Sight Word Cards OR Sight Words Digital Dice  Instructions: Students read, spell and cover the matching sight word.		the color land social in said in said look it said look it said and the you look
Literacy Center	Print	With Digital Dice
Holiday Vocabulary Skill: Read and Spell Holiday vocabulary words Supplies: Magnetic Letters OR Letter Cards AND Holiday vocabulary cards OR Holiday Vocabulary Digital Dice Instructions: Students read and spell the holiday words.		
Literacy Center	Print	With Digital Dice
Sight Words Building Skill: Read and Spell Pre-primer sight words Supplies: Magnetic Letters OR Letter Cards AND sight word cards OR sight words Digital Dice Instructions: Students read and spell the sight words.		





## THANK YOU FOR YOUR DOWNLOAD

Thanks for downloading this product! I hope it meets your needs and your children enjoy doing the activities. If you have any questions or suggestions please do not hesitate to contact me.

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