



# IXL Skill Plan for the TerraNova 3<sup>®</sup> Kindergarten



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[www.ixl.com/math/skill-plans/terranova3-kindergarten](http://www.ixl.com/math/skill-plans/terranova3-kindergarten)

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# Number and Number Relations

## Standard

## IXL skills

### Counting

#### Count within 10

1. Count pictures - up to 10 WVJ
2. One more and one less with pictures - up to 10 HC7
3. Count forward - up to 10 MFP
4. Count forward and backward - up to 10 VYA

#### Count within 20

5. Count to 20 2JV
6. Count forward - up to 20 VXC
7. Count forward and backward - up to 20 BGW

#### Count within 100

8. Count groups of ten 6J5
9. Count to 100 9PV
10. Counting on the hundred chart LGT

### Read, Recognize Numbers

#### Numbers up to 10

1. Identify numbers - up to 10 Z7T
2. Represent numbers - up to 10 UJH
3. Names of numbers - up to 10 ZHM

#### Numbers up to 20

4. Identify numbers - up to 20 YT5
5. Represent numbers - up to 20 HTQ
6. Names of numbers - up to 20 YBS

### Compare, Order

#### Compare groups

1. Fewer and more - compare in a mixed group 7MY
2. Fewer, more, and same FLW

#### Compare numbers

3. Compare two numbers - up to 10 Z62
4. Compare three numbers - up to 10 QS6

**Order numbers**

5. Put numbers up to 10 in order GKC
6. Put numbers up to 30 in order DPE

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**Ordinal Numbers**

1. Ordinal numbers - up to fifth 2YC
2. Ordinal numbers - up to tenth 5U2

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**Money**

1. Coin names - penny through quarter 2J6
  2. Coin values - penny through quarter MPZ
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# Computation and Numerical Estimation

## Standard

## IXL skills

### Computation In Context

#### Addition

1. Put together cubes - sums up to 5 EBP
2. Add with pictures - sums up to 5 LZY
3. Put together cubes - sums up to 10 EFK
4. Add with pictures - sums up to 10 KM7

#### Addition word problems

5. Addition word problems with pictures - sums up to 5 W5C
6. Addition word problems - sums up to 5 QDH
7. Addition word problems with pictures - sums up to 10 7VF
8. Addition word problems - sums up to 10 KUH

#### Subtraction

9. Take away cubes - numbers up to 5 RZA
10. Subtract with pictures - numbers up to 5 FSM
11. Take away cubes - numbers up to 10 X5K
12. Subtract with pictures - numbers up to 10 5KG

#### Subtraction word problems

13. Subtraction word problems with pictures - numbers up to 5 LWF
14. Subtraction word problems - numbers up to 5 63S
15. Subtraction word problems with pictures - numbers up to 10 E6T
16. Subtraction word problems - numbers up to 10 QBY

#### Mixed operations

17. Addition and subtraction word problems X42

### Computation With Money

1. Count money - pennies only FPE
2. Count money - pennies and nickels UQH
3. Count money - pennies through dimes P6E

# Measurement

Standard	IXL skills
<b>Non-Standard Units</b>	<b>Length</b> <ol style="list-style-type: none"> <li>1. Measure length with objects B8S</li> <li>2. Measure length with cubes 7AH</li> <li>3. Build cube trains to measure length XSQ</li> </ol> <b>Height</b> <ol style="list-style-type: none"> <li>4. Measure height with cubes T5K</li> <li>5. Build cube trains to measure height S7W</li> </ol>
<b>Time</b>	<b>Clocks and times</b> <ol style="list-style-type: none"> <li>1. Match digital clocks and times 7D6</li> <li>2. Match analog clocks and times TRV</li> <li>3. Match analog and digital clocks CV2</li> </ol> <b>Everyday events</b> <ol style="list-style-type: none"> <li>4. Times of everyday events ATZ</li> </ol>
<b>Calendar</b>	<b>Seasons, days, and months</b> <ol style="list-style-type: none"> <li>1. Seasons SK6</li> <li>2. Days of the week LWC</li> <li>3. Months of the year 7XE</li> </ol> <b>Calendars</b> <ol style="list-style-type: none"> <li>4. Read a calendar I Y2K</li> <li>5. Read a calendar II XKU</li> </ol>
<b>Length, Distance</b>	<ol style="list-style-type: none"> <li>1. Long and short DGP</li> <li>2. Tall and short 9KJ</li> <li>3. Wide and narrow 5Q4</li> </ol>

# Geometry and Spatial Sense

Standard	IXL skills
<b>Plane Figure</b>	<b>Identify shapes</b> <ol style="list-style-type: none"><li>1. Name the two-dimensional shape MCW</li><li>2. Select two-dimensional shapes QRY</li></ol> <b>Describe shapes</b> <ol style="list-style-type: none"><li>3. Curved parts A6B</li><li>4. Square corners 6ZY</li><li>5. Equal sides T54</li><li>6. Count sides and corners UX9</li></ol>
<b>Solid Figure</b>	<b>Identify shapes</b> <ol style="list-style-type: none"><li>1. Name the three-dimensional shape 2FZ</li><li>2. Select three-dimensional shapes QAV</li></ol> <b>Describe shapes</b> <ol style="list-style-type: none"><li>3. Shapes of everyday objects I ZRS</li><li>4. Shapes of everyday objects II E2G</li></ol>
<b>Congruence, Similarity</b>	
<b>Symmetry</b>	<ol style="list-style-type: none"><li>1. Introduction to symmetry 8NA</li><li>2. Identify pictures with symmetry 5SU</li></ol>

# Data Analysis, Statistics, and Probability

Standard	IXL skills
<b>Read Bar Graph</b>	
<b>Read Table, Chart, Diagram</b>	1. Which picture graph is correct? N2G
<b>Interpret Data Display</b>	1. Interpret picture graphs CHT

# Patterns, Functions, Algebra

Standard	IXL skills
<b>Missing Element</b>	<ol style="list-style-type: none"><li>1. Complete a sequence - up to 10 5A2</li><li>2. Complete a sequence - up to 20 ZYR</li></ol>
<b>Number Pattern</b>	<ol style="list-style-type: none"><li>1. Skip-count by tens W6M</li></ol>



# Problem Solving and Reasoning

## Standard

## IXL skills

### Identify Missing/Extra Information

1. Complete the addition sentence - sums up to 10 SAF
2. Complete the subtraction sentence - numbers up to 10 YL7