



**VersaTiles Math Scope Sequence,
Kindergarten**

90871 Number Sense: Counting

| Objective | CCSS | Page | Activity Title |
|---|-------------|-------------|---|
| Count up to 5 objects to tell how many. | K.CC.B.4.a | 1 | Time to Count |
| Count up to 10 objects to tell how many. | K.CC.B.4.a | 2 | Let's Count! |
| Count up to 10 objects to tell how many. | K.CC.B.4.a | 3 | Count on It! |
| Identify numbers to 10 and represent each with a group of objects. | K.CC.B.4.a | 4 | Count the Fruits |
| Identify numbers to 10 and represent each with a group of objects. | K.CC.B.4.a | 5 | Shape Count |
| Count up to 20 objects to tell how many. | K.CC.B.4.b | 6 | Count the Dots |
| Count up to 20 objects to tell how many. | K.CC.B.4.b | 7 | Count to 20 |
| Count up to 20 objects to tell how many. | K.CC.B.4.b | 8 | I Can Count to 20! |
| Count up to 20 objects to tell how many. | K.CC.B.4.b | 9 | I Can Find the Number Name! |
| Count up to 20 objects to tell how many. | K.CC.B.4.b | 10 | Find the Number Name |
| Compare two groups of objects and determine which group has one more. | K.CC.B.4.c | 11 | Which Has One More? |
| Compare two groups of objects and determine which group has one more. | K.CC.B.4.c | 12 | One More Than That |
| Count the objects. Find the group with one more. | K.CC.B.4.c | 13 | Which Group Has One More? |
| Count the objects. Find the group with one more. | K.CC.B.4.c | 14 | Which Group Has One More Dot? |
| Count the objects. Find the group with one more. | K.CC.B.4.c | 15 | Which Group Has One More Toy? |
| Count up to 20 objects to tell how many. | K.CC.B.5 | 16 | Count the Sea Animals |
| Count up to 20 objects to tell how many. | K.CC.B.5 | 17 | Count the Clothes |
| Count up to 20 objects to tell how many. | K.CC.B.5 | 18 | Count the Fruit |
| Count up to 20 objects to tell how many. | K.CC.B.5 | 19 | Count the Buttons |
| Count up to 20 objects to tell how many. | K.CC.B.5 | 20 | Count the Bugs |
| Count forward. What number comes next? | | 21 | Counting Forward: Find the Next Number |
| Count forward. What number comes next? | | 22 | Counting Forward: What Number Comes Next? |
| Count backward. What number comes next? | | 23 | Counting Backward: Find the Next Number |
| Count backward. What number comes next? | | 24 | Count Backward: What Number Comes Next? |

90872 Number Sense: Naming and Comparing

| Objective | CCSS | Page | Activity Title |
|---|-------------|-------------|-------------------------|
| Count to 100 by ones. | K.CC.A.1 | 1 | What Number Comes Next? |
| Count to 100 by ones. | K.CC.A.1 | 2 | Count On |
| Count to 100 by ones. | K.CC.A.1 | 3 | More Count by Ones |
| Count to 100 by tens. | K.CC.A.1 | 4 | Count Straws by Tens |
| Count to 100 by tens. | K.CC.A.1 | 5 | Count Pencils by Tens |
| Count to 100 by tens. | K.CC.A.1 | 6 | Count Sticks by Tens |
| Count forward from a given number to identify the number that comes next. | K.CC.A.2 | 7 | What Number is Next? |



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| Objective | CCSS | Page | Activity Title |
|--|-------------|-------------|-----------------------|
| Count forward from a given number to identify the number that comes next. | K.CC.A.2 | 8 | Up Next |
| Count forward from a given number to identify the number that comes next. | K.CC.A.2 | 9 | What is Next? |
| Count forward from a given number to identify the number that comes next. | K.CC.A.2 | 10 | The Next Number |
| Count forward from a given number to identify the number that comes next. | K.CC.A.2 | 11 | Next Number Up |
| Count forward from a given number to identify the number that comes next. | K.CC.A.2 | 12 | Count Forward |
| Compare groups of objects using one-to-one correspondence to determine which groups have the same number.. | K.CC.A.6 | 13 | Counting Time |
| Compare groups of objects using one-to-one correspondence to determine which groups have the same number.. | K.CC.A.6 | 14 | Who's Counting? |
| Compare groups of objects using one-to-one correspondence to determine which group has more. | K.CC.A.6 | 15 | Which Group Has More? |
| Compare groups of objects using one-to-one correspondence to determine which group has more. | K.CC.A.6 | 16 | Which is More? |
| Compare groups of objects using one-to-one correspondence to determine which group has less. | K.CC.A.6 | 17 | Which Has Less? |
| Compare groups of objects using one-to-one correspondence and determine which group has less. | K.CC.A.6 | 18 | Less Than That |
| Compare numbers and identify the number that is the same. | K.CC.C.7 | 19 | Which is the Same? |
| Compare numbers and identify the number that is greater. | K.CC.C.7 | 20 | Which is Greater? |
| Compare numbers and identify the number that is less. | K.CC.C.7 | 21 | Which is Less? |
| Compare numbers and identify the number that is the same. | K.CC.C.7 | 22 | Find the Match |
| Compare numbers and identify the number that is greater. | K.CC.C.7 | 23 | The Greater Number |
| Compare numbers and identify the number that is less. | K.CC.C.7 | 24 | Which Number is Less? |

90873 Number Operations: Base Ten

| Objective | CCSS | Page | Activity Title |
|--|-------------|-------------|-----------------------|
| Compose and decompose numbers from 11 to 19 into ten ones and some further ones. | K.NBT.A.1 | 1 | Count the Frames |
| Compose and decompose numbers from 11 to 19 into ten ones and some further ones. | K.NBT.A.1 | 2 | More Frames |
| Compose and decompose numbers from 11 to 19 into ten ones and some further ones. | K.NBT.A.1 | 3 | Count Trains |
| Compose and decompose numbers from 11 to 19 into ten ones and some further ones. | K.NBT.A.1 | 4 | More Trains |



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| Objective | CCSS | Page | Activity Title |
|--|-------------|-------------|-----------------------|
| Compose and decompose numbers from 11 to 19 into ten ones and some further ones. | K.NBT.A.1 | 5 | Counting Fun |
| Compose and decompose numbers from 11 to 19 into ten ones and some further ones. | K.NBT.A.1 | 6 | More Counting |
| Recognize instantly the quantity of a small group of objects in an organized or random arrangements. | | 7 | Count Dots |
| Recognize instantly the quantity of a small group of objects in an organized or random arrangements. | | 8 | How Many? |
| Recognize instantly the quantity of a small group of objects in an organized or random arrangements. | | 9 | Count the Apples |
| Recognize instantly the quantity of a small group of objects in an organized or random arrangements. | | 10 | Count the Balls |
| Recognize instantly the quantity of a small group of objects in an organized or random arrangements. | | 11 | Count the Cars |
| Recognize instantly the quantity of a small group of objects in an organized or random arrangements. | | 12 | Count the Bears |
| Find the number that is one more than a given number. | | 13 | One More |
| Find the number that is one more than a given number. | | 14 | Find One More |
| Find the number that is one more than a given number. | | 15 | What is One More? |
| Find the number that is one less than a given number. | | 16 | One Less |
| Find the number that is one less than a given number. | | 17 | Find One Less |
| Find the number that is one less than a given number. | | 18 | What is One Less? |
| Join groups to find how many in all. | | 19 | How Many in All? |
| Join groups to find how many in all. | | 20 | Count Them All |
| Join groups to find how many in all. | | 21 | Add Them Up |
| Count to tell how many are left. | | 22 | Fly Away |
| Count to tell how many are left. | | 23 | Hop Away |
| Count to tell how many are left. | | 24 | Float Away |

90874 Number Operations: Algebraic Thinking

| Objective | CCSS | Page | Activity Title |
|---|-------------|-------------|----------------------------|
| Count sets of objects to determine the sum to an addition problem. | K.O.A.A.1 | 1 | How Many in All? |
| Count groups of objects to determine how many there are when groups are put together. | K.O.A.A.1 | 2 | How Many All Together? |
| Count sets of objects to determine the sum to an addition problem. | K.O.A.A.1 | 3 | Count Them All |
| Count sets of objects to determine how many are left in a take-away situation. | K.O.A.A.1 | 4 | How Many Are Left? |
| Count sets of objects to determine how many are in each part in a take-apart situation. | K.O.A.A.1 | 5 | How Many Are in Each Part? |



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| Objective | CCSS | Page | Activity Title |
|---|-------------|-------------|-----------------------------------|
| Count sets of objects to determine the how many in all when two groups join. | K.O.A.A.2 | 6 | Find How Many Tiles In All |
| Count sets of objects to determine how many in all when two sets are put together. | K.O.A.A.2 | 7 | How Many Counters in All? |
| Count sets of objects to determine how many in all. | K.O.A.A.2 | 8 | How Many Tiles or Counters in All |
| Count sets of objects to determine how many are left in a take-away situation. | K.O.A.A.2 | 9 | How Many Birds are Left? |
| Count sets of objects to determine how many are in each part in a take-apart situation. | K.O.A.A.2 | 10 | How Many Counters in Each Part? |
| Model and write addition sentences for number pairs up to 10. | K.O.A.A.3 | 11 | Make Sums to 6 |
| Model and write addition sentences for number pairs up to 10. | K.O.A.A.3 | 12 | Make Sums to 8 |
| Model and write addition sentences for number pairs up to 10. | K.O.A.A.3 | 13 | Make Sums to 9 |
| Model and write addition sentences for number pairs up to 10. | K.O.A.A.3 | 14 | Make Sums to 10 |
| Find the number that makes 10 when added to a given number. | K.O.A.A.4 | 15 | Add Counters to Make Ten |
| Find the number that makes 10 when added to a given number. | K.O.A.A.4 | 16 | Add Tiles to Make Ten |
| Find the number that makes 10 when added to a given number. | K.O.A.A.4 | 17 | How Many More Make Ten? |
| Find the number that makes 10 when added to a given number. | K.O.A.A.4 | 18 | Add a Number to Make Ten |
| Find the number that makes 10 when added to a given number. | K.O.A.A.4 | 19 | Find the Number That Makes Ten |
| Fluently add within 5. | K.O.A.A.5 | 20 | How Many Counters in All? |
| Fluently add within 5. | K.O.A.A.5 | 21 | How Many Dots In All? |
| Fluently add within 5. | K.O.A.A.5 | 22 | How Many Tiles in All? |
| Fluently subtract within 5. | K.O.A.A.5 | 23 | How Many Rabbits are Left? |
| Fluently subtract within 5. | K.O.A.A.5 | 24 | How Many Tiles are Not Green? |

90875 Geometry: Shapes and Attributes

| Objective | CCSS | Page | Activity Title |
|---|-------------|-------------|----------------------------|
| Recognize shapes in real-world objects and identify position. | K.G.A.1 | 1 | Find the Shape Above |
| Recognize shapes in real-world objects and identify position. | K.G.A.1 | 2 | Find the Shape Below |
| Recognize shapes in real-world objects and identify position. | K.G.A.1 | 3 | Find the Shape In Front of |
| Recognize shapes in real-world objects and identify position. | K.G.A.1 | 4 | Next To |
| Match and recognize shapes regardless of size or orientation. | K.G.A.2 | 5 | Circles and Squares |
| Match and recognize shapes regardless of size or orientation. | K.G.A.2 | 6 | Triangles and Hexagons |
| Match and recognize shapes regardless of size or orientation. | K.G.A.2 | 7 | Cubes and Cylinders |
| Match and recognize shapes regardless of size or orientation. | K.G.A.2 | 8 | Cones and Spheres |
| Identify shapes as two-dimensional or three-dimensional. | K.G.A.3 | 9 | What is Flat? |
| Identify shapes as two-dimensional or three-dimensional. | K.G.A.3 | 10 | What is Solid? |



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|---|-------------|-------------|------------------------|
| Identify shapes as two-dimensional or three-dimensional. | K.G.A.3 | 11 | Choose the Shape |
| Identify shapes as two-dimensional or three-dimensional. | K.G.A.3 | 12 | Choose the Shape Again |
| Compare shapes and describe similarities and differences. | K.G.B.4 | 13 | Same Length |
| Compare shapes and describe similarities and differences. | K.G.B.4 | 14 | Three Sides |
| Compare shapes and describe similarities and differences. | K.G.B.4 | 15 | Rolling Shapes |
| Compare shapes and describe similarities and differences. | K.G.B.4 | 16 | Stacking Shapes |
| Join shapes to make another shape. | K.G.B.6 | 17 | Make a Shape |
| Join shapes to make another shape. | K.G.B.6 | 18 | Make Another Shape |
| Join shapes to make another shape. | K.G.B.6 | 19 | More Shapes |
| Join shapes to make another shape. | K.G.B.6 | 20 | Make More Shapes |
| Model two- and three-dimensional shapes. | K.G.B.5 | 21 | Match Up |
| Model two- and three-dimensional shapes. | K.G.B.5 | 22 | Marshmallow Fun |
| Model two- and three-dimensional shapes. | K.G.B.5 | 23 | In the Real World |
| Model two- and three-dimensional shapes. | K.G.B.5 | 24 | Real World Again |

90876 Geometry & Data: Measurement, Data & Money

| Objective | CCSS | Page | Activity Title |
|---|-------------|-------------|-----------------------|
| Classify objects by size, length, or weight. | K.MD.A.1 | 1 | Heavy and Light |
| Classify objects by size, length, or weight. | K.MD.A.1 | 2 | Light and Heavy |
| Classify objects by size, length, or weight. | K.MD.A.1 | 3 | Long and Short |
| Classify objects by size, length, or weight. | K.MD.A.1 | 4 | Which is Heavy? |
| Compare two objects to determine which has more or less of a given attribute. | K.MD.A.2 | 5 | Which is Heavier? |
| Compare two objects to determine which has more or less of a given attribute. | K.MD.A.2 | 6 | Which is Lighter? |
| Compare two objects to determine which has more or less of a given attribute. | K.MD.A.2 | 7 | Which Holds More? |
| Compare two objects to determine which has more or less of a given attribute. | K.MD.A.2 | 8 | Which Holds Less? |
| Compare two objects to determine which has more or less of a given attribute. | K.MD.A.2 | 9 | Which is Longer? |
| Compare two objects to determine which has more or less of a given attribute. | K.MD.A.2 | 10 | Which is Shorter? |
| Sort and classify objects into categories. | K.MD.B.3 | 11 | Shape Sorting |
| Sort and classify objects into categories. | K.MD.B.3 | 12 | Size Sorting |
| Sort and classify objects into categories. | K.MD.B.3 | 13 | Seeing Green |
| Sort and classify objects into categories. | K.MD.B.3 | 14 | Counting Corners |
| Sort and classify objects into categories. | K.MD.B.3 | 15 | Wrong Group |
| Interpret data from a picture graph. | | 16-17 | Favorite Things |
| Interpret data from a picture graph. | | 18-19 | More Favorite Things |
| Identify pennies, nickels, dimes, and quarters by name. | | 20 | Pennies |



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|---|-------------|-------------|-----------------------|
| Identify pennies, nickels, dimes, and quarters by name. | | 21 | Nickels |
| Identify pennies, nickels, dimes, and quarters by name. | | 22 | Dimes |
| Identify pennies, nickels, dimes, and quarters by name. | | 23 | Quarters |
| Identify pennies, nickels, dimes, and quarters by name. | | 24 | Coin Fun |