

Everyday Math Assessment Tools and Opportunities for Kindergarten

PGM – Program Guide and Masters

TGG – Teachers Guide to Games

TGA – Teacher Guide to Activities

| Guidepost 1 | | | | | | |
|---------------------------------------|----------------------------|-------------|--|--|---|--|
| Everyday Math Goals | Indiana Academic Standards | Strand | Routine | Minute Math | Centers Or Games | Teacher's Guide to Activities |
| Count forward 0-21 | K.1.6 | Numeration | Growing number line | 3 4 10 25 27 31 40 | Count on cards Number of the day p.38 What Number Comes Next? Math in Motion (Jack Hartman) Chicka, Chicka, 1,2,3 Bill Martin Jr. | Listen and Count p. 21 Give the next number p. 33 Review numbers p. 35 |
| Count back 10-1 | K.1.7 | Numeration | Building the monthly calendar | 22 24 | The book & CD of Ten in the Bed | Eating to Zero p. 22 Countdowns p. 34 |
| Read Numbers 0-10 | K.1.6 K.1.7 K.4.3 | Numeration | Clean Up Count or alternative | 44 | Children's Number Cards p. 63 (PGM) Bead Fun p. 38 (PGM) Ants go marching song with number & amount Spin a Number p. 80 | Number board p. 23 This Old Man p. 26 Look & Find p. 28 Egg carton math p. 29 Review numbers 0-10 p. 35 Children's Number Cards p. 50 |
| Compare lengths by matching ends | K.5.1 | Measurement | | | p. 14 Building and measuring in blocks | Partner match p. 12 Comparing Lengths p. 43 |
| Recognize a penny and know it's value | K.1.6 | Money | Coin Song & activities during calendar | 85 116 | Grocery Store | Coins in Classroom p. 15 Matching Coin Game p. 40 Exploring the penny p. 41 Exploring penny power p. 42 |
| Match 1 to 1 | | Numeration | Match one straw for the numbers of growing number line | 10 18 20 21 33 37 52 | Candy Land Chutes & Ladders p. 29 Egg Carton Mathematics | Simon Says p. 20 Listen & Count p. 21 Number Board p. 23 Look and Find p. 28 |

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| Guidepost 2 | | | | | | |
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| Everyday Math Goals | Indiana Academic Standards | Strand | Routine | Minute Math | Centers Or Games | Teacher’s Guide to Activities |
| Count forward 0-35 | K.1.6 K.1.9 | Numeration | Growing Number line Calendar (Counting Days) p.30 | 1,3,4, 8,10,11, 13, 18, 19, 21, 27,29, 31,35 | | Listen and Count p. 21 Give the Next Number p. 33 Review Numbers 0 –10 p. 35 Spin Number p.80 Monster Squeeze p.84 |
| Count backwards 10-1 | K.1.7 | Numeration | Clean Up (or alternative) | 42 | 10 Monkeys Jumping/Bed W/ props 10 Apples on Top W/ props | Eating to Zero p. 22 Countdowns p. 34 |
| Read numbers 1-15 | K.1.6 K.1.7 K.4.3 | Numeration | Dismantling the Monthly Calendar p. 54 | 39 53 61 96 | | Children’s Number Cards p. 50 Teacher Number Cards p. 66 Sandpaper Numbers p. 67 |
| Recognize and name Triangle, square, circle, and rectangle | K.4.1 | Geometry | (Patterned shapes on the calendar) | | Native American Headbands using pattern templates Shapes, Shapes, What do you see? | Feely box W/ shapes p. 27 Using Pattern block Template p. 59 Halloween Face p. 64 Shapes by Feel p. 71 Print Shape p.195 |
| Recognize examples of symmetry | | Geometry | | | p. 65-68 of P.G.M. | Symmetry w/paint p. 61 Symmetry w/Leaves p.62 Cut & Fold p. 65 |

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| Guidepost 3 | | | | | | |
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| Everyday MathGoals | Indiana Academic Standards | Strand | Routine | Minute Math | Centers Or Games | Teacher’s Guide to Activities |
| Count forward to 50 | K.1.6 K.1.9 | Numeration | Growing Number Line | | | Interrupted Counts p. 118 Counting On With Calculators p. 130 |
| Count back 12 to 0 | K.1.7 | Numeration | | 71 | | Snacking Subtraction p.87 Calculator Display p.124 Counting back with Calculators p. 189 Number Line Math p. 198 |
| Understand 10 to a digit | K.1.1.1 K.1.13 | | Pin # on # grid | 56 58 | Digit game p.65 TGG Double Digit Dice Game | “Teen” Partner Game p. 82 Listen and Do p. 116 |
| < or > to find a mystery number | | Patterns and Functions | TGG p.146 | 86 63 203 157 129 189 | > 84 write number > 100 | Teen Partner Game p.82 Monster Squeeze p.84 Children make Monster Squeeze p.86 Pets Bar Graph p. 184 |
| Record & read amounts of pennies using ¢ sign | K.1.6 | Measurement Money | \$ Charts and Songs @ Calendar | 112 of 166 monster squeeze 70 | Set up a restaurant w/ ¢ Jelly Beans for sale – | Using the ¢ sign p. 88 Coin Exchange p. 194 |
| Generate continue and copy patterns | K.3.2 | Patterns and Functions | | | Carolyn Miller Pattern Fish Gummed tape- Copy shapes from templates for Christmas Tree Book – Pattern Fish Trudy Harrison | Counting Patterns p. 38 Stand, Squat, and Kneel p. 163 |

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| Everyday Math Goals | Indiana Academic Standards | Strand | Routine | Minute Math | Centers Or Games | Teacher’s Guide to Activities |
| Write 0-10 | K.1.6 | Numeration | Clean Up or Alternative p.17 TGA Growing # Line p.10 | 49 | 10 Dirty/Clean Pigs w/ # books Spin a # p. 160 T.G.G. Write the # p. 136 P.G.M. | Number Books p. 112 Slate Writing p. 115 |
| Count forward 0-70 | K.1.6. | Numeration | Growing # Line p. 10 | | | Counting Walks p. 119 |
| Count back from 15-0 | K.1.7 | Numeration | Clean Up Countdown p. 17 TGA Saying Growing # line backwards | 135 | Snacking subtraction expanded p. 291 | Say next number backwards p. 291 |
| Skip count by 2’s, 5’s 10’s | K.1.7 | Measurement | | | | Count to 70 by 10’s p.131 Counting Pairs of Objects p. 167 Skip Count w/ calculator p.206 |
| Count w/ a calculator | K.1.7 | Measurement | | | | Meet The Calculator p. 120 How many? p. 122 Counting w/ a calculator p. 126 Count on w/ a calculator p. 130 |
| Use measuring tools | K.1.6 | Measurement | | | | Measuring with feet p. 136 How big is a foot? p. 138 Standard Measure of Length p. 146 Marking off length p.148 Tools for measuring p. 150 |
| Identify a dime & nickel | K.1.6 | Money | Coins & coins songs at calendar | 99 103 128 | Coin Grab Raft Game or substitute p. 221 TGA | Intro of the dime p. 142 Compare coins by feel p. 143 Intro of nickel p. 144 |

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| Everyday Math Goals | Indiana Academic Standards | Strand | Routine | Minute Math | Centers Or Games | Teacher’s Guide to Activities |
| Addition # stories | K.2.1 | Computation | | 5,23,55, 64,93,106, 110,118, 151, 161, 169 | | Joining object p. 132 Operator, Operator p. 202 Name Collections p. 210, 211 Class storybook p. 228 |
| Discuss Graph Outlines | K.2.1 | Data & Chance | Graphing weather and temperature | | | Birthday graph p. 100 Favorite color p.161 Pets bar graph p. 184 How you come to school p. 244 |

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| Everyday Math Goals | Indiana Academic Standards | Strand | Routine | Minute Math | Centers Or Games | Teacher’s Guide to Activities |
| Count forward 0-90 | K.1.6 | Numeration | Growing # line | 181 | | Prepare for 100 day p. 212 Number Hunt p. 214 Games on number chart p. 216 |
| Count 15 to 0 | K.1.7 | Numeration | Clean up Routine | | | Ascending Descending order p. 289 Next number Backward p. 291 |
| Count tally marks | K.1.6 | Numeration | Weather Observation Routine p.24 TGA | | | Reminder for tally marks p.176 |
| Count on varying starting point | K.1.6 | Numeration | | 194 206 | High Roller p.297 | Interrupted Counting p. 118 Interrupted Skip Counting p. 174 |
| Identify a quarter | K.1.6 | Money Measurement | Coin Chart @ Calendar | 112 134 | Matching Coin Game III of TGG Coin Exchange | Intro of quarters p. 180 Compare Coins by feel p.182 The Dollar Game p. 266 |

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| Everyday Math Goals | Indiana Academic Standards | Strand | Routine | Minute Math | Centers Or Games | Teacher’s Guide to Activities |
| Count 0-115 | K.1.6 | Numeration | Growing # line | | | |
| Count back 20-0 | K.1.7 | Numeration | Clean up p. 17 TGA Routine or alternate | | | Count back with calculators p. 189 |
| Read time to the nearest hour. | | Measurement | Door Clock p. 5 TGA | 126 132 136 | Telling Time to Music p.257 Match Time p.258 | Door Clock p. 51 Estimate Clock Time p. 191 Make any Hour Hand Clock p. 192 |
| Change to less subtraction stories | K.2.2 K.2.3 | Operations | | 70 80 122 130 145 148 219 | Plus or Minus Game p. 227 | Change to < p. 196 Which Operation Do I Need? P. 209 Class Storybook p. 228 |
| Make and continue three party patterns | K.3.2 | Patterns and Functions | | | Stand, TGA squat kneel p.163 Macaroni necklace pattern p.165 Block patterns p.234 | Class Patterning p. 102 Follow my pattern p. 103 3 Object Pattern p. 187 Shoe Pattern p. 188 |

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| Everyday Math Goals | Indiana Academic Standards | Strand | Routine | Minute Math | Centers Or Games | Teacher's Guide to Activities |
| Count forward from 0-115 | K.1.6 | Numeration | Growing number line | | | Number Hunt p. 214 How Long Does It Take p. 238 Ascending/Descending Order p. 289 |
| Count back 20-0 | K.1.9 | Numeration | Growing number line backwards | 135 181 | | Count back w/ calculator p. 189 Ascending/Descending Order p. 289 |
| Skip count by 2's, 5's 10's | K.1.7 | Measurement | By marking 2's, 5's & 10's on Growing Number Line (grid) Skip Count w/ Calendar p.206 | 52 115 125 131 133 146 164 167 208 220 242 | | Door Clock p. 51 Estimate Clock Time p. 191 Make Hour Hand Clock p. 192 |
| Write numbers from 0-20 | K.1.6 | Numeration | | 49 | | Numbers in the Sand p. 77 |
| Read 3-digit numbers | | Numeration | | | | Writing Numbers > 100 p.284 Place value on the calculator p. 286 Keeping Score p. 294 1, 10, 100 Game p. 295 |
| Recognize & understand $\frac{1}{2}$ | 1.1.5 | Measurement | | | | Divide Groups into $\frac{1}{2}$ p. 200 Cracker Fractions p. 245 Fraction Stories p. 246 |
| Estimate time to the hour | | | | 120 126 129 136 191 211 215 | | Hour Hand/Minute p. 254 Adding the minute hand p. 256 Practice Telling Time p. 257 Matching Game p. 258 |

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| Enjoy "What's My Rule?" games | | Various | Line up children by different attributes | 238 | | Fishing p. 99, 308 Numbers In Sequence p. 250, 251, 309 Numbers Out Of Sequence p. 252, 309 Four Sided Polygons p. 274, 306 Pairs of Numbers p. 248, 309 |
| Know the value of a penny, nickel, & dime; recognize a quarter | K.1.6 | | | 85 99 103 112 116 122 128 134 139 140 143 149 185 167 193 198 212* 216* 239* 242* | | Matching Coin p. 40 Exploring penny power p. 42 |