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| Big Concepts  | September | **CCSS** | **Lesson** | Notes |
| E.M. Units 1,2,3KMD.2-short/tall/long/small/bigKG.1- Positional WordsKMD.3-Classify Objects/CategoriesKMD.1-Measurable AttributesKG.6-Compose Simple Shapes**Ongoing concepts:**KCC.1-Counting by 1’s and 10’sKCC.3-Writing and Recognizing Numbers to 20 KG.2-2D ShapesKCC.4-1:1 CorrespondenceKCC.5-CardinalityKOA.3-Structuring #’s (composing and decomposing numbers to 10)**Interventions**Math Friends |  Calendar Routines | **TNC/MR-** Dot pattern flash cards |  |
| Regular Dots 1-6 | **TNC/MR-**Dot patterns with flash cards (pg. 70) |  |
| KCC.1 | **TNC/MR-** Count around FNWS (sparkle) 1-5 (pg.40)Variations of this game in MTW and EM. |  |
| KCC.2 | **TNC/MR**- Where do I go (treasure hunt) 0-5 (pg. 58), Stand in a line 0-5 sequence with numerals (pg. 41) |  |
| KCC.3 (# recognition 0-10) | **K-5 math teaching resources** race to trace 1-6 and 2-12**K-5 math teaching resources** Dice race |  |
| KCC.4 | **TNC/MR-** On the Mat (pg. 57)**EM-** Multi-sensory counts (pg. 50) |  |
| KCC.5 | **k-5 math teaching resources** playdough numbers**K-5 math teaching resources** Picture, Numeral Word Match Cards (0-10) |  |
| KMD.1 | **K-5 math teaching resources** Measurement sentence frames set 1 and 2 |  |
| KMD.2 | **EM-** body height comparisons (pg. 70), partner match (pg. 46) |  |
| KMD.3 | **EM-** Birthday graphs (pg. 60), color graph (pg. 168), Fishing game (pg 216) |  |
| KG. 1 | **K-5 Math Teaching Resources** Geometry sentence frames**K-5 Math Teaching Resources** Shapes on a Geoboard | k-5mathteachingresources.com |
| KG.2 | **EM-** Intro to block patterns (pg. 48), Shape collages (pg. 88), Body and rope shapes (pg. 206) |  |
|  | Optional | **k-5 math teaching resources** Concept books What is… |  |
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| October  | Calendar/Ongoing**Structure screener** |  |  |
| Regular Dots 1-6 Irregular if ready | The Great Race 1-6 Dot Patterns **TNC** pg. 75Domino Concentration**, EM** pg. 148 |  |
| KCC.1, KCC.2, KCC.3,  | Number Book**, EM** p. 138Slate Activities (number writing**) EM** pg. 212Where do I go Treasure Hunt 0-5 or 0-10 **TNC** p. 58Count Around 1-10 or 1-15 (Sparkle), **TNC** pg. 40Roll and Record**, EM** pg. 142**K-5 teaching math resources** show one more on a ten frame**K-5 teaching math resources** pattern block count 1 |  |
| KG.6 | **K-5 teaching math resources** Build a hexagon**K-5 teaching math resources** Pattern block pictures |  |
| KG.1 | **K-5 teaching math resources** playdough shape mats |  |
| KMD.3  | **k-5 teaching math resources** sorting attribute blocks**K-5 teaching math resources** pattern block sort**K-5 teaching math resources** button sort |  |
| K.OA. 3Structuring Combinations to 10 | **K-5 Teaching math resources** unifix cube towers**K-5 teaching math resources** make 5 on a frame**K-5 teaching math resources** 5 little ducks | For K-5 teaching resources look under addition/subtraction stage a |
| Revisit | Shape puzzles: PB Puzzle Cards (shapes), **EM CCSS** Sup. P. 73A | Homework: Coin Detective, EM homelink 2-8 |
| Optional lessons | Numbers on the line # sequence 0-25, **TNC** pg. 40Stand in line 0-15, **TNC** pg. 41 |  |
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| November  | KMD.3 | Pan balance, **EM** pg. 144Sand/Water play with capacity, **EM** pg. 58 | Measuring Volume, EM homelink 1-7Heavier or lighter, EM homelink 3-12 |
| KCC.4, KCC. 5 | Number boards, **EM** pg. 106Give me Five, **TNC** pg. 62Top It**, EM** pg. 190Toy Box, **TNC** pg. 59-60Pass it on**, TNC** p. 62 | Top it, EM Homelink 4-2 |
|  K.OA 3Dot Patterns, structuring- combinations to 10 | Quick Dots, **TNC** pg. 75K-5 teaching math resources shake five and spillK-5 teaching math resources 5 gingerbread men | For K-5 teaching resources look under addition/subtraction stage a |
| Review: KMD.1, KG.6 |  |  |
| Revisit | Surveys and Graphs**, EM** pg. 292/Create Complete Attribute blocks, **EM** pg. 214 Attribute Spinner Game**, EM** pg. 262/EM CCSS supp. Pg. 262Find the block game, **EM** pg. 240 |  |
|  |  | Optional |  |  |
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| Big Concepts  | December | **CCSS** | **Lesson** | Notes |
| Unit 4,5,6KCC.2 Count from#KCC.7 Compares 2 #’s writtenKOA.1 Rep. +/- w/obj.KOA.5 Fluenly add/- w/in 5KG.3 ID shapes (2D/3D)Kmd.3 Classify/SortKCC.6 ID greater/less/=KG.4 Comparing 2D/3D Shapes **Ongoing concepts:**KCC.1-Counting by 1’s and 10’sKCC.3-Writing and Recognizing Numbers to 20 KG.2-2D ShapesKCC.4-1:1 CorrespondenceKCC.5-CardinalityKOA.3-Structuring #’s (composing and decomposing numbers to 10) | Calendar |  |  |
| Kmd.3 | Review sorting activities previously done |  |
| KG.3-Introduce Vocab. 3D Shapes(KG.2)KG. 4 |  Solid Shape Museum, **EM** pg. 286/EM CCSS sup pg. 286 Part A and BI spy with 3-d shapes, **EM** pg. 294/ EM CCSS sup pg. 294 Part A and BMarshmallow and toothpick shapes**, EM** pg. 340 | Building Geometric shapes, EM Homelink 7-4Solid shape museum, EM homelink 6-3 |
| KCC.5 | Number stories (stage 1), **EM** pg. 116/ EM CCSS pg. 116The Joke is on you- decade number sequence, **TNC** pg. 43Secret numbers**, TNC** pg.41Can You See Me (recognizing number shapes), **TNC** pg. 42Under the Cloth (visualizing**), TNC** pg. 97Ten Frame Top it- from MichelleWhere Do I Go (treasure hunt) 0-15 or 0-20, **TNC** pg. 58 |  |
| Ongoing: KCC.1,2,3Recognizing & writing to 15 | **K-5 teaching math resources** lego countK-5 teaching math resources missing number before, after, between**K-5 teaching math resources** count on two more**K-5 teaching math resources** missing number grid**K-5 teaching math resources** representing numbers three ways |  |
| KOA.3 (structuring)finger patterns, dot patterns (irr./reg.) | **K-5 teaching math** resources domino addition**K-5 teaching math** resources addition plate |  |
| Revisit |  | Creating Patterns, Em Homelink 4-5 |
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| January | KCC.6, KCC.7, KCC.4 | Bucket count on**, TNC** pg. 92Tricky Teens, **EM** pg. 108Listen and Do**, EM** pg. 110Teen Partners**, EM** pg. 112 |  |
| K.NBT 1 | Teen Frame Game**, EM** pg. 172 |  |
| Ongoing: KCC.1,2,3 | Where do I go treasure hunt (0-20**), TNC** pg. 68Monster Squeeze 0-10, **EM** pg. 150Monster Squeeze 0-20, **EM** pg. 150 | Homework:Monster Squeeze EM homelink 3-6Guess my number, EM homelink 5-4 |
| K.OA.1 | Roll and Record with two dice, **EM** pg. 204/EM CCSS Sup. Pg. 204Memory Pair-wise or five-wise, **TNC** pg. 78 | Homework:Collections of number names, EM Homelink 7-9 |
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| Calendar/ongoing/Review: Finger patterns/Dot patterns **(structuring screener)** | **K-5 teaching math resources** k-2IWB resources number gingerbread men and count 1-6 |  |
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| Revisit |  |  |
| Other | Introduce addition/subtraction- Introduction of beginning concepts |  |
|  | Number stories (stage 1**), EM** pg. 116Train Games (growing train addition**) EM** pg. 166/ EM CCSS sup. Pg. 166Train Games (disappearing train-subtraction) **EM** pg. 166 / EM CC sup. Pg. 166 |  |
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| February  | Structuring | Domino addition, **TNC** pg. 55Addition dice, **TNC** pg. 56Bunny Ears, 1-5**, TNC** pg. 73 |  |
| K.OA. 1-K.OA.5 (intro +/- symbols) | Train games **EM** pg. 166Top it Addition (0-3 number cards, higher with dot patterns**), EM CCSS** pg. 191The addition symbol**, EM** pg. 194Countdown to zero (intro subtraction), **EM** pg. 52Pocket problems, **EM** pg. 156Subtraction symbol**, EM** pg. 210Number stories (stage 2- into to addition/subtraction in writing), **EM**  pg. 218 | Telling number stories, EM homelink 8-14 |
| 100’s day activities | 100 day Activities-project 5, EM pg. 268**/ EM CCSS** sup pg. 268 | Homework:100th day project, EM homelink 5-2 |
| Calendar: Review KCC.2 | Counting forward from numbers other than 1 |  |
| Ongoing: KCC.1,3 | **K-5 teaching math resources** pattern block count 2**K-5 teaching math resources** missing number grids 0-20 (continue from earlier) |  |
| Revisit | Teen Frame, **EM CCSS** sup pg. 202 |  |
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| Big Concepts  | March | **CCSS** | **Lesson** | Notes |
| Unit 7,8KG-5 Model Shapes in WorldKG-2 Name shapes regard-Less of orientationKOA.1 Rep. +/- w/objectsKOA.2 Solve +/- word problems w/in 10KOA.4 Finding compliments of 10KOA.5 Fluently add+/- w/in 5KCC.3 # writing 0-20KNBT.1 11-19 (compose/decompose into tens & 1’s)**Ongoing concepts:**KCC.1-Counting by 1’s and 10’sKCC.3-Writing and Recognizing Numbers to 20 KG.2-2D ShapesKCC.4-1:1 CorrespondenceKCC.5-CardinalityKOA.3-Structuring #’s (composing and decomposing numbers to 10) | KG.5 | Marshmallow and toothpick shapes**, EM** 340 | Homework:Homelink 7-4 |
| KG.2 | **K-5 teaching math resources** It not just a…**K-5 teaching math resources** shape sort |  |
| KOA.1 ,2 addition focus  | Number stories (addition focus), **EM** pg. 336Dice addition games, **EM** pg. 344Counting in a row, **TNC** pg. 57 |  |
| KOA.5 + addition | Dice Addition games**, EM** 344Counting in a Row, **TNC,** pg. 57 |  |
| KCC.3 | **k-5 teaching math resources** handwriting sheets 11-20 |  |
| KOA. 3-KOA.4 structuring | Make 5 concentration, **TNC** pg. 76Partitions of 5, **TNC** pg. 71 |  |
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| Calendar/Ongoing | What comes next **TNC** pg. 45Numeral track, **TNC** pg. 95Making finger pattern 6-10 **TNC** pg. 69 |  |
| Revisit | Class count on, **TNC** pg. 91Domino concentration**, EM** pg. 148 |  |
| Optional | Order of Daily Events, **EM** pg. 236 | Reading the Calendar homelink 6-12 |
| April |  |  |  |
| KOA.1- KOA. 5 subtraction focus | Number stories (subtraction focus), **EM** pg. 336Subtraction Top-It, **EM CCSS** sup. Pg. 177 aTeddy Bear Walk (subtraction), **TNC** pg. 60Addition and Subtraction 1-10, **TNC** pg. 72**k-5 teaching math resources** one less 1-6**k-5 teaching math resources** subtraction word problems**K-5 teaching math resources** ten frame subtraction (stage C) | k-5 teaching math resources Addition and subtraction stage B |
| KCC.3 | **k-5 teaching math resources** missing numbers 0-20 |  |
| KOA. 4 (structuring) | Make ten fish, **TNC** pg. 81Go fish for 10, **EM CCSS** sup. Pg. 177 b |  |
| KNBT.1 | Bead Bar 1-20 (addition/subtraction), **TNC.** Pg. 92**K-5 teaching math resources** teens on a ten frame**K-5 teaching math resources** teen on a ten frame book 2 |  |
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| Ongoing | Bunny Ears 1-10, **TNC** pg. 73 |  |
| Revisit:  | Teen Numbers | Homelink 5-4 |
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| May | **Structure screener** |  |  |
| KOA.1,2,5 mixed problems | +/- game **EM** pg. 356**/ EM CCSS** sup pg. 356Writing number models for pocket problem and train games, **EM CCSS** sup pg. 339Representing numbers with connecting cubes**, EM** CCSS sup. Pg. 351High Roller game, **EM** pg. 388/ EM CCSS sup. Pg. 388**K-5 teaching math resources** subtract from ten (adjust with counter if needed)Dice roll subtraction w/counters(start with a number greater than six, roll die to subtract number shown, how many left- may want to use ten frame for counters)  | Homelink 8-14Telling number stories |
| KCC.3 |  | Counting up and Back EM homelink 7-7Comparing numbers EM homelink 7-14 |
| KNBT.1 | 100 square activities (1-20), **TNC** pg. 91**K-5 teaching math resources** dots and number cards**K-5 teaching math resources** teens on a ten frame book 1 |  |
| KOA.3 (structuring) | Five and ten frame flash, **TNC** pg. 77Raft Game**, EM** pg. 254 (combinations to 5)**K-5 teaching math resources** hide the cubes (5 or 10)**K-5 teaching math resources** fact of 10**k-5 teaching math resources** making 10 apple packs |  |
| Revisit | Teen numbers and counting**k-5 teaching math resources** 5 frame flash |  |
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