

## Chapter 1 : Second grade math worksheets - free & printable | K5 Learning

*Second grade math includes use of ordinal numbers to th, comparing and ordering whole numbers to , and will also learn the grouping of numbers. Second grade curriculum includes counting by 2s, 3s, 5s, 10's, 25, 50s and s.*

Place Value House Our video on Place Value teaches ones, tens and hundreds place with a place value house. Students will learn how knowing the place value helps to understand digits in numbers. Pause the video at anytime to have the kids answer any questions. Students will use math mountains to solve story problems. Many students learned this in first grade. We review and then teach math mountains with second grade problems. Skip Counting Our video teaches how skip counting helps to be able to count faster. Our math video also explains a hundreds chart and teaches the kids about skip counting with a hundreds chart. Learning Money Part 1 Students learn about the value of coins and help the character solve a money problem. Learning money can be easier when students visually can see the values of each coin. This is our second math video on coin values. We work story problems with coins and help students add coins together to solve the problems. Telling Time The video we have on telling time helps students understand the basics of the minute hand and the hour hand. We teach it with two separate clocks that help kids learn what each hand means. This was one of our first videos. We cover place value with grouping into tens. The kids will learn more about place value with grouping straws into bundles. This video teaches kids how to add double digit addition with regrouping. Students will learn how it all works with blocks in a fun animated way. Comparing Numbers In this video students learn to compare numbers to determine if it is greater than, less than or equal to. The video teaches this in a fun way with symbols coming to life. Add and Subtracting Large Numbers Adding and subtracting large numbers is what we teach in this fun animated video. Students fly in space as they learn about how to add and subtract three digit numbers. Adding Multiple Digit Numbers In this video we teach the math behind adding 3 numbers at a time. Adding multiple digits can be hard but our video helps kids learn the concepts needed for success. This video is a great intro video for this topic. Subtraction with Regrouping Subtraction with regrouping or borrowing is a fundamental concept in 2nd grade. This video is great to be used as an intro or review to subtraction and borrowing or regrouping. Use this video to start teaching or reviewing expanded form. Students will get to see visually how the numbers expand out. Odd and Even Numbers This is a great video to teach the difference between odd and even. We cover this concept in other videos but this is the main video to learn about odd and even numbers. An awesome video to teach the shapes they learn in 2nd grade. We cover Triangles, Quadrilaterals, Pentagons, and a Hexagon. I really recommend pausing the video when they talk about covering the angles and drawing the angles on the board. Picture Graphs A great video to teach how to make your own picture graph. Students can follow along with their own paper to really get the most out of the video. Pause the video at anytime to have the kids answer any questions or draw their own picture graph. Bar Graphs I love this video because the kids can easily learn how to make their own bar graphs and collect their own data. We have worksheets they can use for free and it will help them follow along. Pause the video at anytime to have the kids answer any questions or if they need time to draw on their own paper. Our line plot video teaches all about line plots and how to construct your own. This is a great way to introduce the topic. This is a word problem involving length that the kids can work along with the character as he tries to find the solution. Subtraction and Regrouping with Zeros In this video you will learn about subtracting numbers with zeros in them. Students struggle with numbers like subtract because the two zeros throw them off when they are regrouping. This video is designed to help. Show it in the classroom or have the kids watch it at home. Feel free to pause the video at any time to have the kids answer questions. Students learn about fractions with partitioning shapes and will learn halves, thirds, etc. Learning fractions can be fun with this video. Feel free to pause the video at any time.

### Chapter 2 : 2nd Grade Math and Other Videos to teach the Basic Concepts. Free memberships.

*This is due to the fact that math concepts build on each other grade by grade. Math Facts: Addition and Subtraction Addition and Subtraction Math Facts should be mastered by the end of the 2nd Grade.*

The cards to match have the near doubles facts. Players try to be the first to find the near doubles number and recite the near doubles fact. The mathematics domains assessed at second grade include: Items are weighted to control for students who may skip to the "easiest" items and to ensure psychometric soundness of the assessment. Ordinal Numbers The following links have rhymes using the ordinal number names. You may want to have students act them out to see what each means. This concentration game has students match the 3-digit numeral to its base ten representation. This black line master could be used as a formative assessment. It requires the student to think about place value and create the greatest and least 3-digit number and explain their thinking. This tic-tac-toe like game has students roll a die and add 11 to the number rolled. They can then place a marker on the sum. The first player to have four markers in a row wins. Eleven More Number Relationship Mat: This color master is a work mat for students. Students place a number in the space and then solve for each box. Number Relationship Mat Order Up: This partner game has students ordering 3-digit numbers sequentially from highest to lowest. This activity has students drawing a base ten card. They reproduce the picture on the card and then write the number, the written number name and the expanded form of the number. In this game, students roll 3 dice and form a 3-digit number. They write this number in the appropriate box on the game board. Players take turns and the first player to have three numbers in each of three boxes wins.

### Chapter 3 : Second Grade (Grade 2) Arithmetic and Number Concepts Questions for Tests and Worksheets

*The following list provides you with the basic concepts that should be attained by the end of the school year. Mastery of the concepts at the previous grade is assumed. 2nd grade worksheets. Read print numbers to 20 and locate, compare, order, represent, estimate, identify numbers to and.*

Some children who were not completely ready to understand all the material introduced in first grade may now be ready to master it. Second graders apply what they learned about the meanings of letters and numbers to more complicated material, and begin to develop their analytical abilities even further. They tackle more and more texts in and out of the classroom as they work to become rapid and accurate readers. The more fluent children become at one level, the more likely they are to become fluent at the next. At this stage children also become better story writers as they learn to write basic sentences and short narratives about an event or a character. Second graders may experiment with different voices, writing some stories from a personal viewpoint, and others in the third person. They more frequently use the correct spelling of words that they know, and use punctuation more regularly. Math Mathematics concepts become more complex in second grade. Children can order, group numbers, and work with numbers far greater than those they can physically count. Science Second graders will be asked to use what they know to make predictions and find patterns in the natural world. They learn about the Earth and its natural resources, and how people use these resources to get energy. They look at how the Earth changes over time and how we learn about the history of the Earth through fossils. They may do a deeper study of the life cycles of plants and animals. Social Studies In second grade, children broaden their knowledge of the world. Students learn about the people and places of their local communities and regions, and compare them to other communities and regions. Children may be given more responsibility to resolve conflicts with their classmates. They will be expected to have a deeper understanding of the importance of rules and their role in helping people get along. Even so, they may have trouble imagining unfamiliar things. This means that a second grader who reads a story about a mountain can create a mental picture if she has seen a mountain in the past. But if she has no idea what a mountain looks like, she might have a difficult time figuring it out, even from a detailed written description. Processing Information Children at this age are better at processing information than they were just a year ago. They get riddles, puns, and sarcasm. They can build on the things they know to understand more about them, and to make connections to new concepts. They are more likely to worry, be self-critical, and show a lack of confidence in their abilities than they have in the past. They may be embarrassed by either praise or criticism that calls attention to them, especially in front of their friends.

## Chapter 4 : Free 2nd Grade Math Printable Worksheets | [calendrierdelascience.com](http://calendrierdelascience.com)

*Second Grade (Grade 2) Arithmetic and Number Concepts questions for your custom printable tests and worksheets. In a hurry? Browse our pre-made printable worksheets library with a variety of activities and quizzes for all K levels.*

What Math Concepts are taught in Second Grade? Second grade is a very impressionable time for children and this is usually when they begin to master their addition and subtraction. Normally this is when they are introduced to double and triple digits. Most will begin learning the most basic fraction problems. Fractions at that basic level would include learning what a half is, a quarter is, a third and so on. Second grade math includes use of ordinal numbers to th, comparing and ordering whole numbers to , and will also learn the grouping of numbers. They will also master counting backwards starting with various numbers. The concept of odd versus even numbers is conquered as well as the ability to recognize money values by adding various coins that would equal one dollar. By the end of the year second grade math students should remember addition and subtraction facts from memory. Second grade math students learn which units are best to use when measuring something such as inches, centimeters, feet, miles or kilometers. Further they will also learn such things as linear dimensions, weight, capacity, and temperature. Second grade also teaches the measurement of time using clocks and calendars. They are taught the concepts of minutes, half-hours, hours, days, weeks, months, and years. Using both Fahrenheit and Celsius thermometers, second grade math students learn to demonstrate an understanding of temperatures. Second grade also teaches the children the basic use of a calculator and how to predict and create patterns. Second grade math students learn to identify real-world patterns that are repeating, rotational, tessellating, and patchwork. During this time they will learn to answer math questions that are posed with multiple choice answers and the very basics on reading and interpreting simple graphs and charts. This is also a time for the second grade children to be introduced to probability at its most basic levels. Basically at this point they would just determine whether or not an event is certain, probable or impossible. Posed with various circumstances such as coin tosses, for example, children will determine if events are equally likely, most likely, or least likely to occur. The basic concept of math is about problem solving. When children are given math problems and allowed to come up with a chance to figure out the problem themselves they usually do quite well. Second graders tend to do better if math problems are read to them. Then they should be allowed to explain why they know that the solution is correct. Then they should be allowed to justify their answers. Second graders seem to do very well with visual reasoning. For example if you have a bag of candy and they can actually see the results of dividing the bag between friends. If there is a bag of 30 pieces of candy and they divide the bag in half with their friend then they are only left with 15 pieces for themselves. Lessons such as this produce very good results. This is a critical learning time for children and very important for parents to keep an open line of communication with the teacher so that the work can be supported at home as well. Take your child grocery shopping and let them see transactions that deal with cash money. Allow the child opportunities to estimate and predict outcomes to see if they are right or not.

## Chapter 5 : Math Help: Math Concepts, Games, Quizzes and worksheets

*Free grade 2 math worksheets. Our grade 2 math worksheets emphasize numeracy as well as a conceptual understanding of math concepts. More challenging counting, place value, addition, subtraction, time, money, measurement and geometry problems are provided, and multiplication is introduced.*

## Chapter 6 : 2nd Grade Math Activities for Kids | [calendrierdelascience.com](http://calendrierdelascience.com)

*You will notice that many math concepts and math skills repeat over the Kindergarten, 1st Grade, Second Grade and 3rd Grade levels. This is due to the fact that math concepts build on each other grade by grade.*

### Chapter 7 : 2nd Grade Worksheets - Free Printable Worksheets for Kids - JumpStart

*Second Grade Math Worksheets Get a Little Trickier and a Lot More Fun With adding and subtracting basics in the bag, second grade math takes your child's number skills to new heights with the introduction of multiplication and division concepts and expands their knowledge of fractions, geometry, measurement, and place value.*

### Chapter 8 : Second Grade . Grade-by-Grade Learning Guide . Education | PBS Parents

*Second grade math Here is a list of all of the math skills students learn in second grade! These skills are organized into categories, and you can move your mouse over any skill name to preview the skill.*

### Chapter 9 : Second Grade Math

*Second Grade Math Activities. calendrierdelascience.com is the best place to find 2nd grade math activities and fun math games for 2nd graders! In second grade, kids are expected to learn about fractions, place value, and more complex geometry concepts than what was covered in first grade.*