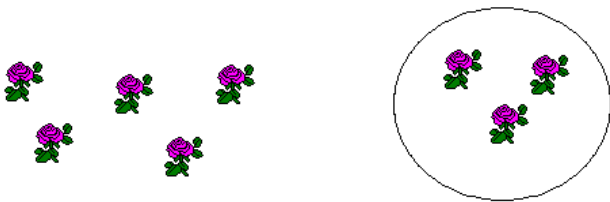



**SCOPE & SEQUENCE**  
**GR. 1 - MATH**

**Student Task**
**GRADE 1: Math****STRAND: Number Operations****TASK: Subtraction Stories****PRODUCTIVITY TOOL: *KidPix* and possibly Word Processor****TIMELINE: 2-3 Days****LEVEL OF DIFFICULTY: ☺☺☺ Project**

Working in pairs, students take turns at a standalone computer station in the classroom using *KidPix* and word-processing software to create subtraction stories with numbers to 18. They choose a rubber stamp from a palette of their choice, design a piece of art work that will form the basis of their story, then save the picture. Then they insert the picture into a word-processor and type the story to match their artwork. (Newer versions of *KidPix* have story capabilities inherent to the program, eliminating the need to switch to the word processor.) The story is written with blanks in place of the numbers. Once printed, other students in the class are invited to solve their number story. If you laminate a selection of number stories (addition or subtraction) and collate them into a book, students can use a washable marker to solve the stories, reusing the pages again and again.



We got \_\_\_ roses for  
 Mother's Day.  
 We planted \_\_\_ in our garden.  
 How many were left to plant?  
 Answer: \_\_\_\_\_


**ICT Outcomes**
**The learner will:**


- C4** 1.1 follow a plan to complete an inquiry
- C6** 1.1 identify a problem within a defined context
  - 1.2 use technology to organize and display data in a problem-solving context
- F1** 1.1 identify techniques and tools for communicating, storing, retrieving and selecting information
  - 1.2 apply terminology appropriate to the technologies being used at this division level
  - 1.3 demonstrate an understanding that the user manages and controls the outcomes of technology
- F2** 1.2 describe particular technologies being used for specific purposes
- F3** 1.1 demonstrate courtesy and follow classroom procedures when making appropriate use of computer technologies
  - 1.2 work collaboratively to share limited resources
  - 1.3 demonstrate appropriate care of technology equipment
  - 1.4 recognize and acknowledge the ownership of electronic material
- F6** 1.1 perform basic computer operations, which may vary by environment, including powering up, inserting disks, moving the cursor, clicking on an icon, using pull-down menus, executing programs, saving files, retrieving files, printing, ejecting disks and powering down
- P1** 1.1 create original text, using word processing software, to communicate and demonstrate understanding of forms and techniques
- P3** 1.1 access images, such as clip art, to support communication
  - 1.2 create visual images by using such tools as paint and draw programs for particular audiences and purposes
- P4** 1.1 integrate text and graphics to form a meaningful image
  - 1.2 balance text and graphics for visual effect





## Curriculum Outcomes

**GRADE 1: Math****STRAND: Number Operations****TASK: Subtraction Stories*****General Outcome***

-  Apply informal methods of addition and subtraction on whole numbers where the maximum sum is 18.

***Specific Outcome #8***

8. Use manipulatives and diagrams to demonstrate and describe the processes of addition and subtraction of numbers to 18.

