

Component: CD ROM (Right on Math) 1.1
for
FCIT Teaching Tools 2001: FCAT 5th Grade Math CD

Directions for Completion of Component # 5-08-94-5-00

- The FCIT Teaching Tools 2001: FCAT 5th Grade Math CD is located at your school. Your school has permission to burn more copies. You may also access this teaching tool online at:

FCIT.usf.edu/FCAT5M/DEFAULT.HTM.

- Complete the enclosed pretest.
- Complete the "Directions" and "Navigating through Module 1" sections using a separate sheet of paper for answers.
- Complete the post test.
- Complete the Training Assessment Survey.
- Attach the pretest, post test, Training Assessment Survey, and answer sheet to this module.
- Send to Elementary Mathematics Office, Administration Building, Pony Route #4.

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Directions for MacIntosh users

1. Insert CD into the CD ROM drive. A window will appear.
2. Double click on the **Read Me** icon and read the instructions to make sure you have the necessary browser, Quicktime movie player, and Adobe Acrobat installed. These installers are included on the CD.
3. Close the **Read Me** window.
4. Double click on **Start.htm**. This opens **FCIT Teaching Tools 2001**.
5. Click on **FCAT 5th Grade Math Staff Development Tool** and you will see the menu page.

Directions for PC users

1. Insert the CD into the CDROM drive.
2. Double Click on **My Computer**.
3. Double Click on the CD. This is usually the D: drive.
4. Double click on the **Read Me** icon and make sure you have the necessary browser, Quicktime movie player, and Adobe Acrobat installed. These installers are included on the CD.
5. Close the **Read Me** window.
6. Double click on **Start.htm**. This opens the **FCIT Teaching Tools**.
7. Click on **FCAT 5th Grade Math Staff Development Tool** and you will see the menu page.

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Navigating through Module 1

1. Click on **Introduction**.
2. Read the instructions on the right side of the screen to view the movie.
3. Click on each link in **Introduction** to view all of the QuickTime movies then answer the following questions:

Preparing for the FCAT:

What do you need to do to prepare your students for the FCAT?

Mathematics in Action:

What opportunities will you have while viewing this staff development tool?

NOTE: Click on **Bringing Mathematics to Life**. When this movie begins you will see notes that appear on the right hand side. Double clicking on the **Notes** icon will allow you to print them. This option will be available in all of the other sections.

Bringing Mathematics to Life:

What do you do to make mathematics come alive in your classroom?

Requirements for the FCAT:

What does the FCAT require of your students, and how can you make their learning more meaningful?

Mathematics and Technology:

How can technology be used to enhance your students' mathematical thinking?

4. Click on **Main Menu** at the bottom left side of your screen.

NOTE: The next five sections include actual classroom lessons that demonstrate methods for incorporating the components of a mathematically rich lesson as discussed in the Introduction. The lesson plans and notes from each section can be printed.

5. Click on **Teacher Lesson: Active Learning**

Watch all six movies in this section. Then answer the following questions:

What strands from the Sunshine State Standards were involved in this lesson?

How was active learning used to enhance student learning?

6. Click on **Main Menu** and then **Teacher Lesson: The Literature Connection**. Watch the two movies in this section and answer the following questions:

What mathematical skills and concepts were developed through the use of children's literature?

How did the use of literature enhance student learning?

7. Click on **Main Menu** and then **Teacher Lesson: Real Life Activities**. Watch the two movies in this section and answer the following questions:

How did the teacher capitalize on the teachable moment that resulted from this real life activity?

Why is the use of real life activities important when teaching mathematics?

8. Click on **Main Menu** and then **Teacher Lesson: The Science Connection**. Watch the six movies in this section and complete the following:

What mathematical skills and concepts were developed in this science lesson?

Describe how math, science, and technology were integrated in this lesson.

9. Click on **Main Menu** and then **Teacher Lesson: The Social Studies Connection**. Watch the two movies in this section and complete the following task:

Describe how social studies, mathematics, and literature were integrated in this lesson.

10. Click on **Main Menu** and then **Teacher Tools: Manipulatives for Concept Development**. Watch the six movies in this section and answer the following question:

How does the use of manipulatives enhance student understanding of mathematical skills and concepts?

11. Click on **Main Menu** and then **Teacher Tools: Warm-Ups For Review**. Watch the four movies in this section and answer the following questions:

What is the purpose of Warm-Up activities?

Describe a warm-up activity you currently use or plan to use in your classroom.

12. Click on **Main Menu** and then **Teacher Resources: Performance Tasks, Articles, Lesson Plans, and much more!** Visit each link and complete the following task:

Describe two of the links and tell how they would benefit student achievement and/or your professional development.