

REVIEW LESSON

MTA Course: Database Administration Fundamentals

Lesson name: Database Administration Fundamentals 2.3b

Topic: Create views by using a graphical designer (One 50-minute class period)

File name: DBAdminFund_RL_2.3b

Lesson Objective:

2.3b: Create views by using a graphical designer. *This objective may include but is not limited to:* understanding when to use views and how to create a view by using a graphical designer.

Preparation Details

An understanding of creating database objects and using a graphical designer such as Microsoft® Access® is required for this review lesson.

This MTA Certification Exam Review lesson is written for students who have learned about database administration and have a basic knowledge of Access. Students who do not have the prerequisite knowledge and experiences cited in the objective will find additional learning opportunities using resources such as those listed in the Microsoft resources and Web links at the end of this review lesson.

Instructor preparation activities

None

Resources, software, and additional files needed for this lesson:

- Access 2000, 2003, or 2007
- Microsoft PowerPoint® viewer and projector:
- DBAdminFund_PPT_2.3b
- DBAdminFund_SA_2.3b
- DBAdminFund_SA_2.3b_key

Teaching Guide

Essential Vocabulary:

view—a saved query creating a virtual table of the result set of that query.

query—a specific set of instructions for extracting particular data.

graphical designer—applications such as Access that are object-oriented and use a drag-and-drop procedure.

Lesson Sequence

Activating prior knowledge/lesson staging (10 minutes)

1. *Say:* Today, we will be going over graphical designers such as Access. This is same as our last review lesson but instead of command driven we will be use drag and drop and menu driven format for creating views.

Lesson activity (30 minutes)

1. Review the lesson concepts using the PowerPoint presentation DBAdminFund_PPT_2.3b.

Assessment/lesson reflection (10 minutes)

1. Have the students build a simple database with one table that should have three or more records.
2. The handout has step-by-step directions, which you may read aloud and check student work as they go from step to step.
3. Refer to the Student Activity and the Activity key: DBAdminFund_SA_2.3b and DBAdminFund_SA_2.3b key.

Microsoft resources and Web links

Faculty Connection Academic Resource Center

(<http://www.microsoft.com/education/facultyconnection/ARC/ResourceCenter.aspx?c1=en-us&c2=0>)

Additional notes to the teacher:

- If Access is not available, then Open Office may be used, with some adjustments.