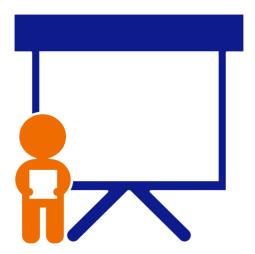
### TECHNOPresenter

#### **Teacher Guide**

Lessons for Elementary Students: Grades 3 - 8



## Technology Course using PowerPoint

Present information.

TechnoPresenter integrates public speaking with research and technology skills. An inquiry-based approach is used to formulate a question and investigate the answer. Facts are presented using a slide show and shared with others in an informative speech.

In this course, students give an oral presentation using a slide show as a visual aid. To start, they view a sample and examine the content. Next, they generate a question and research a topic. Using PowerPoint, students organize facts on slides. To prepare for public speaking, students write a set of notes. Upon completion, they communicate their findings to an audience. Extension activities explain how to annotate slides, insert a video, create a graphic organizer, or animate text.



Copyright © 1993 – 2024 TechnoKids Inc. All Rights Reserved

#### **Table of Contents**

#### Introduction

Introduction	
TechnoPresenter Overview	
TechnoPresenter Course Outline	
Technology Integration Ideas	
Session 1 Get Ready to Public Speak	
Session 1 Get Ready to Public Speak	
Assignment 1 Oral Presentations and Public Speak	
Why Give an Oral Presentation?	_
Rate Your Public Speaking Readiness	
Assignment 2 Study a Presentation	
Session 1 Extension Activity: Body Language Skits	
Session 2 Design a Title Slide	
Session 2 Design a Title Slide	
Assignment 3 Select a Topic and Research a Ques	tion8
Write a Research Question	
Organize Research Findings	
Assignment 4 Make a Title Slide	
Open PowerPoint and Create a New Presenta	
Add Presentation Title and Student Name to Sli Choose a Theme	
Choose Theme Variant	
Format the Font	
Format the Font Size	
Format the Font Style	
Format the Font ColorAdjust the Alignment	
Format the Appearance of the Text Box	
Insert a Picture	
Apply a Style to the Picture	
Adjust Picture Options	
Save the File Exit PowerPoint	
Session 2 Extension Activity: Insert a Video	
,	
Session 3 Highlight Key Points	1-
Session 3 Highlight Key Points	
Open Presentation in PowerPoint	
Add a New Slide and Select a Layout	
Add Research Question as the Slide Title	
Summarize Information using a Bulleted List	
Add Details into the Notes Pane to Expand on	
Insert a Picture or Diagram	
Complete the Information Slide  Save and Exit PowerPoint	
Session 3 Extension Activity: Animate Information	
Session 4 Summarize Facts in a Table	Δ1
	0/
Session 4 Summarize Facts in a Table	

Assignment 6 Build a Table of Fun Facts	23
Open Presentation in PowerPoint	
Add a New Slide and Select a Layout	
Insert a Table	
Organize Interesting Facts Using a Table	
Pick One Point and Provide More Details in the Notes Pane  Apply a Table Style	
Adjust Table Size	
Align Text in Cells	
Complete the Table Slide	
Save and Exit PowerPoint	25
Assignment 7 Decorate Slides Using Shapes and WordArt	26
Open Presentation in PowerPoint	
Draw a Shape to Emphasize a Point	
Add Text to the Shape	
Transform Text into WordArt	
Session 4 Extension Activity: Create a Graphic Organizer	28
Session 5 Rehearse the Presentation	
Session 5 Rehearse the Presentation	
Assignment 8 Presentation Checklist	
Open Presentation in PowerPoint	
Watch the Presentation and Practice Using Tools to View Slide Complete the Checklist	
Exit PowerPoint	
Assignment 9 Rehearse Presentation Using Speaker Notes	
Open Presentation in PowerPoint	
Add Slide Numbers	
Option 1: Use Presenter View	32
Option 2: Print Speaker Notes	
Rehearsal Tips	
Exit PowerPoint	
Session 5 Extension Activity: Group Presentation Rehearsal	34
Session 6 Present to an Audience	
Session 6 Present to an Audience	
Assignment 10 Give an Oral Presentation	
Give Presentation	
Be an Expert	
Exit PowerPoint	
Session 6 Extension Activity: Use Annotation Tools	38
Appendices	
Appendices	40
Appendix A: Assessment Tools	
Presenter Skill Summary	
Presentation Rubric	
Appendix B: Contact Information	44



This section provides valuable information about teaching TechnoPresenter. It includes an overview of the course. In addition, there are ideas for implementation and technology integration.

For additional guidance, open the course in TechnoHub and select Get Started to access preparatory steps, resource list, and scheduling timetable.

TechnoPresenter Overview

TechnoPresenter Course Outline

Technology Integration Ideas

#### **TechnoPresenter Overview**

In this course, students give an oral presentation using a slide show as a visual aid. To start, they view a sample and examine the content. Next, they generate a question and research a topic. Using PowerPoint, students organize facts on slides. To prepare for public speaking, students write a set of notes. Upon completion, they communicate their findings to an audience. Extension activities explain how to annotate slides, insert a video, create a graphic organizer, or animate text.



Students complete the following tasks:

- In Session 1, students learn about public speaking. They begin by examining the reasons people give oral presentations. Next, they take a quiz to rate their readiness to speak in public. Following this, students analyze a sample slideshow, to understand how visual aids can engage the audience, as well as support the speaker. If time allows, students can also participate in an optional activity where they work in teams to perform skits that demonstrate the impact of body language on communication.
- In Session 2, students choose a topic of personal interest for an informative speech. They begin by selecting a question related to their chosen topic for further research. An organizer helps to record findings. Next, students use Microsoft PowerPoint to create a title slide for their presentation. By applying a theme, they ensure that the visual aid maintains a professional appearance. Next, students explore text formatting and picture styles to add a personalized touch to the design. An optional activity is also available, which guides students on how to insert a short video related to their topic to enhance audience engagement.
- In Session 3, students arrange information into a bulleted list on a slide. The content is rephrased to highlight key points and capture the audience's attention. Speaker notes containing additional details are included. Students enhance their slides by inserting images or diagrams that reinforce their message. An optional activity is available to demonstrate how to animate text to effectively control the presentation's flow of information.
- In Session 4, students present information to an audience by summarizing details using a table format. Speaker notes offer additional information about one intriguing or unexpected fact mentioned on the slide. To enhance readability, students format the table style and align the cells appropriately. They then explore the use of shapes and WordArt to emphasize key points. An optional activity involves creating a SmartArt graphic organizer to present information concisely.
- ➤ In Session 5, students get ready to deliver an informative speech with a slideshow as a visual aid. They begin by reviewing a checklist to ensure that all slides contain the necessary content. Next, they use Presenter View to practice the presentation, referring to either digital or printed speaker notes. An optional activity uses rehearsal groups to build students' confidence in public speaking by presenting to a small audience.

In Session 6, students deliver an informative speech or lecture on a chosen topic. They use a slideshow to educate the audience and hold their attention. After the presentation, students engage with the audience by answering questions. An optional activity explains how to use annotation tools, such as a laser, pen, or highlighter, to emphasize key points during the presentation.

#### **TechnoPresenter Course Outline**

Purpose: Give an informative speech using a slide show as a visual aid. Use an inquiry-based approach to research a topic and organize facts in a presentation.

#### Objectives: (see Appendix A: Skill Summary)

- develop public speaking skills
- understand copyright and plagiarism
- research using informational texts
- organize ideas and information
- produce an informative presentation
- revise ideas to improve clarity
- arrange facts using various slide layouts
- enhance slides using images and shapes
- sort facts into categories using a table
- add speaker notes to slides
- present information to an audience
- use slides as a visual aid during presentation

#### Preparation:

- Install Microsoft 365
- Share Presenter folder with students
- Download Flashcards and Tool Summary from <u>TechnoHub</u> (optional)

#### Materials:

- Assessment: Presentation Checklist, Peer Editing Checklist, Presenter Skill Summary, Presentation Rubric
- Samples: Mummy, Diamonds, Vegetables
- Parent Letter and Certificate (optional)
- PowerPoint Flashcards and Tool Summary
- Presenter folder
  - Organizer
  - o Diamonds

#### Summary of Activities:

- Consider the role of oral presentations. Rate public speaking readiness.
- View sample presentation as a source of inspiration. Answer questions about content.
- Select a topic. Gather facts using a research organizer.
- Begin a presentation. Apply a theme. Make a title slide, format text, and insert an image.
- Create an information slide. Organize facts in a bulleted list. Include details in notes.
- Sort facts into categories using a table. Format the cells. Highlight key details in notes.
- Decorate slides using shapes and WordArt to emphasize a point.
- Complete a Presentation Checklist. Make revisions.
- Rehearse presentation using speaker notes.
- Give an oral presentation to an audience about a topic.

#### Extension Activities:

- Body Language Skits: Team up to learn about effective non-verbal communication.
- Insert a Video: Embed a video from YouTube.
- Animate Information: Control the flow of information during a presentation using animation effects.
- Create a Graphic Organizer: Use SmartArt to organize information using a graphic layout.
- Presentation Rehearsal: Practice in front of a small group of peers. Receive feedback on style.
- Use Annotation Tools: Use the pen, highlighter, and laser pointer to direct audience's attention.

#### Assessment:

- Self-Evaluation (Presentation Checklist Assignment 8)
- Peer-Evaluation (Peer Editing Checklist Session 5 Extension Activity)
- Teacher Evaluation (Presenter Skill Summary, Presentation Rubric)

#### Notes:

Creating a slide show that is used as a visual aid during an oral presentation is a fundamental skill.
 Students will be able to transfer presentation and public speaking skills to new situations throughout their school and professional careers.

#### **Technology Integration Ideas**

TechnoPresenter is an ideal course for students in Grades 3-8. It blends research and technology skills with public speaking. Your students can give an oral presentation on any area of study including a topic from science, social studies, history, geography, or health curriculum. The activities introduce essential skills, providing a foundation for future learning.

#### Ideas for Topic Selection:

The topic for the oral presentation is open-ended. An inquiry-based model is used throughout the course. Students formulate a research question, investigate the answer, organize facts using a slide show, and communicate findings with others in an informative speech. This is a great way to engage students in learning. Below are some ideas for selecting a topic:

- Divide Content into Parts: Select a topic that is being studied within curriculum. Divide the topic into sub-topics. For example, if the unit is Ancient Egypt divide the topic into sub-topics such as pyramids, mummification, hieroglyphs, and gods/goddesses. Have students generate a research question based on their sub-topic. When students present their findings to the group, everyone in the class will learn about an area of study from the "student-teachers".
- Offer a Tribute: Show appreciation for the accomplishments of a person or organization. Have students research the significance of their contributions. The presentation given by "student-admirers" can be shown to the honoree or used to inform audience members.
- Raise Public Awareness: Choose a topic that will educate others in the class, school, or community about an important issue. The informative speeches made by "student-advocates" should promote change or encourage action.
- Commemorate a Celebration: Connect the topic with an internationally, nationally, or locally recognized event. It could be Black History month, National Library Week, Earth Day, or a School Anniversary. Have "student-researchers" explain the importance of these celebrations.
- Recognize Personal Interest: Allow students the opportunity to pick a topic based on
  personal interest. For example, they can select a hobby, sport, television show, pop
  culture icon, musician, or game they like to play; then pose an interesting question to
  learn even more about the topic. The presentations will offer a wide variety of
  information from "student-experts".

#### <u>Tips for Optional Activities</u>

- Add interest to the slide show. Insert a video (Session 2 Extension Activity), animate the text (Session 3 Extension Activity), and create a graphic organizer (Session 4 Extension Activity). During the presentation, use the laser pointer, pen, and highlighter to direct the audience's attention to important points (Session 6 Extension Activity).
- Practice presentation skills. Focus on public speaking skills using small group practice sessions with feedback (Session 5 Extension Activity) and skits to learn about body language (Session 1 Extension Activity).



In this session, students learn about public speaking. They begin by examining the reasons people give oral presentations. Next, they take a quiz to rate their readiness to speak in public. Following this, students analyze a sample slideshow, to understand how visual aids can engage the audience, as well as support the speaker. If time allows, students can also participate in an optional activity where they work in teams to perform skits that demonstrate the impact of body language on communication.

Assignment 1: Oral Presentations and Public Speaking

Assignment 2: Study a Presentation

Session 1 Extension Activity: Body Language Skits

#### **Assignment 1 Oral Presentations and Public Speaking**

In this course, you are going to give an informative speech about a topic. You will use a slide show as a visual aid. The slides will help to organize your ideas and hold audience attention.

Read to learn about oral presentations.

Take the quiz. Are you ready for public speaking?

#### Why Give an Oral Presentation?

In an oral presentation, the speaker delivers a speech to an audience. Public speaking is an excellent way to share information about a topic or entertain a large group of people. People want to listen to a speaker because they can learn from an expert. Often audience members can ask questions afterwards, which helps them understand more about the topic.

People give oral presentations every day. At school, they may be part of classroom learning, assemblies, council meetings, or open house activities. They could happen at a career day talk, fire safety demonstration, or graduation ceremony. Outside of school, oral presentations can occur at meetings, political rallies, press conferences, trade shows, weddings, or charity events.

1.	. What oral presentations have you heard either in person or using digital media?					ing digital media?
	□ award ce	eremony		□ motivational talk		□ political speech
	□ sales pitc	h		□ sermon		□ news report
	□ information	on session		□ tribute		other:
2.		•		give an oral presentation d interesting.	١.	
	□ salesperse	on		□ politician		☐ fundraiser
	□ professor	or teacher		□ press secretary		☐ motivational speaker
	□ news rep	orter		□ religious leader		□ actor
	□ lawyer			□ school principal		other:
3.	Have you e	ver given an	oral p	resentation before?		
	□ no	□ yes	If yes,	what was it about?		
			If yes,	who was the audience?	:	

#### **Rate Your Public Speaking Readiness**

Many situations require giving an oral presentation to an audience. Being a good public speaker is important. You need to be able to speak in front of a crowd, hold audience attention, and make the information easy to understand. Are you ready to speak in public? Take the quiz!

	Always	Sometimes	Never
I like to share what I know with others.			
I would rather give a presentation than write a report.			
I enjoy speaking in front of a group.			
When I speak, others can hear me across the room.			
I speak slowly and clearly even when I feel nervous.			
I change my voice to express different feelings.			
I think before I speak.			
I look people in the eye when I am talking.			
I use hand gestures and body movement to help others understand what I am saying.			
Total each column <b>TOTAL</b>			

#### Confidence Plus! Let's Get Started Right Now

Checkmarks mostly in the Always column

You have the skills to give an informative speech to a large group. You can hold audience attention and make the information easy to understand. Have fun sharing your expertise with others.

#### Feeling Okay with this Exciting Challenge

Checkmarks mostly in the Sometimes column.

You have many of the skills needed to present to a crowd. You are well on your way to becoming a great public speaker. Think about practicing in front of a small group to boost your confidence.

#### Nervous, but Ready to Learn

Checkmarks mostly in the Never column.

You are not alone! For many people, their greatest fear is public speaking. Do not worry! The activities in this course will give you the skills you need to become a great public speaker. Consider teaming up with a partner to share the workload and increase your confidence.

#### **Assignment 2 Study a Presentation**



When giving an oral presentation, the speaker will use a visual aid to organize ideas, hold audience attention, and help explain the information clearly. A popular visual aid is a slide show. As the speaker talks, a slide is shown on a large screen.

Open the Presenter folder.
 View the Diamonds sample and answer the questions.

1. Slides will often have bulleted notes to highlight key points the speaker wants to make. This gives the audience a place to focus their attention and tells them what is important.

The speaker does not *just* read the information on the slide. Instead, he or she will expand on each point by adding more detail, giving an example, or sharing a personal story.

View slide 2 How do Diamonds Form?

a. Why do you think the information is in a bulleted list instead of written in one paragraph?

It makes it easier for the audience to read.

- b. Why should a speaker provide extra information that is not on the slide?It makes the presentation more interesting.
- 2. The speaker keeps track of what he wants to say using speaker notes. Speaker notes can include reminders about what to say, additional sources of information, or detailed facts.

View <u>below</u> slide 2 in the Notes pane. Additional information is provided.

Why do you think all the information in the Notes pane is not on the slide? **The slide would be too crowded.** 

The speaker wants people to listen to the additional information he or she will say.

3. Slides can also include objects such as pictures, diagrams, tables, or graphs. These are used to illustrate an idea or organize information in an interesting way.

The speaker may not always talk directly about each object but instead will use them to emphasize a point.

View the Mummy or Vegetables sample to see more.



a. View slide 2. What is the purpose of the diagram?

To illustrate where diamonds are formed.

b. View slide 3. What fact in the table would you like a speaker to tell you more about?

This is a preview of the teacher guide.
Pages have been omitted.





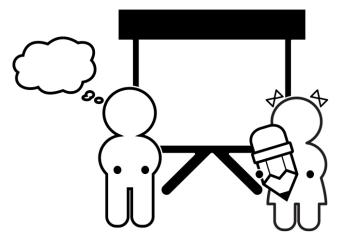
In this session, students choose a topic of personal interest for an informative speech. They begin by selecting a question related to their chosen topic for further research. An organizer helps to record findings. Next, students use Microsoft PowerPoint to create a title slide for their presentation. By applying a theme, they ensure that the visual aid maintains a professional appearance. Next, students explore text formatting and picture styles to add a personalized touch to the design. An optional activity is also available, which guides students on how to insert a short video related to their topic to enhance audience engagement.

Assignment 3: Select a Topic and Research a Question

Assignment 4: Make a Title Slide

Session 2 Extension Activity: Insert a Video

#### Assignment 3 Select a Topic and Research a Question



Your teacher may already have a topic for your oral presentation. Find out!

Once you know the area of study, you need to select a question to research. What interests you? What does your audience want to know?

Tips for writing a research question:

- ✓ Explore the topic first. It helps to have a bit of knowledge.
- ✓ Discover something new. You should not know the answer before you start the research.
- ✓ Keep it open-ended. The question should not be answered by yes or no.
- ✓ Be specific! The question should not be too general.

#### Write a Research Question

Time a Research Question		
Audience:		
Topic:		
Research Question:		

What is...? What is a solution to...? Why do we need...? What role does...? How many...? What impact does...? Why are...? Why do...? How did ... happen? How have improvements...? How does ... work? What evidence shows...? What can be done to ...? Who are the main...? Where should...? How does changing...? What is the best way to ...? What methods were used...? What is the importance...? Who is responsible for...? When is a good time to...? How could ... be improved? What happened after...? Who do I think...? Is...a good idea? What are the factors...? What difference does...? What might happen if...?

#### **Organize Research Findings**

You are going to give a presentation about your topic.

- Investigate your research question to find answers.
- Discover interesting facts your audience will want to know.
- Record your sources of information.
- Den Organizer in the Presenter folder using Word or print the PDF worksheet.

Research Question:	
Answer to Question:	
Interesting Facts 3 facts	
Sources	

This is a preview of the teacher guide.
Pages have been omitted.





In this session, students present information to an audience by summarizing details using a table format. Speaker notes offer additional information about one intriguing or unexpected fact mentioned on the slide. To enhance readability, students format the table style and align the cells appropriately. They then explore the use of shapes and WordArt to emphasize key points. An optional activity involves creating a SmartArt graphic organizer to present information concisely.

Assignment 6: Build a Table of Fun Facts

Assignment 7: Decorate Slides Using Shapes and WordArt

Session 4 Extension Activity: Create a Graphic Organizer

#### Assignment 6 Build a Table of Fun Facts

You want to inform your audience about your topic. Include surprising or unusual details.

- insert a new slide and apply a layout
- insert a table
- format the table style
- organize information using a table
- pick a point and provide more details in the Notes pane
- adjust the table cells and align content

#### **Open Presentation in PowerPoint**

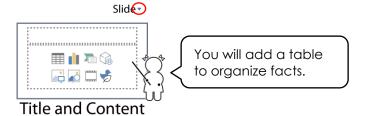
#### Add a New Slide and Select a Layout

> Select the thumbnail of the information slide in the slide pane.



New

- On the Home tab, click the New Slide arrow.
- ▷ Pick Title and Content.

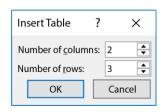


#### Insert a Table

- > Type a title such as Fun Facts, Did You Know? or Topic Name Facts.
- ▷ Click Insert Table from the content placeholder. 
   ■



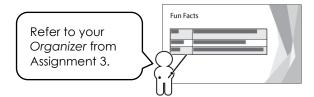
Make a table 2 x 3. Click OK.





#### Organize Interesting Facts Using a Table

In the first column type a **heading** to describe the fact. In the second column type the **fact**. Keep it brief!



#### TIPS:

- ✓ The heading tells what the fact is about.
- ✓ The heading classifies the type of fact. For example: an amount (time, distance, number), type (material, breed, kind), or place.
- ✓ The heading might be an important word within the fact.

#### Pick One Point and Provide More Details in the Notes Pane

The audience will not want you to read all the facts in the table. They can do that themselves! Instead during your presentation, you will want to draw their attention to the most interesting point in the table and then tell them more about it.

- What fact surprised you the most? Why?
- What extra detail did not fit in the table cell, but people would want to know?
- What did you not include in the table but is a VERY interesting fact?
- Where did you find the information? Include a link to a website.
- ▷ Click in the Notes pane and type a personal reaction, extra detail, or additional fact.

#### Apply a Table Style

- ▶ Place the cursor inside the table.
- Click the Table Design tab.
- ▷ Explore the Table Style Options:

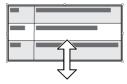


▷ In the Table Styles group, click the More Styles arrow. Pick a table style.

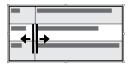


#### **Adjust Table Size**

Drag the center table handle down to make it larger.

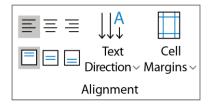


Rest the mouse pointer over the column border line. Drag to the LEFT to resize the column.



#### **Align Text in Cells**

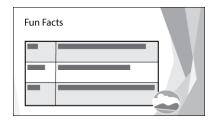
- > Select the cells in the table.
- ▷ Click the Table Layout tab.
- > From the Alignment group pick an option.



#### Complete the Table Slide





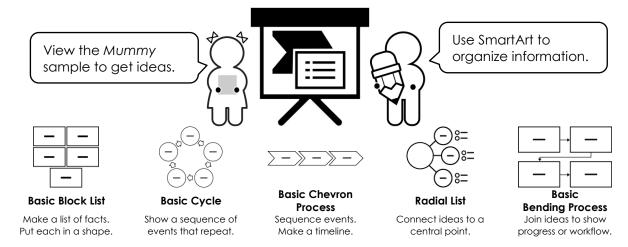


#### Save and Exit PowerPoint

This is a preview of the teacher guide.
Pages have been omitted.



#### Session 4 Extension Activity: Create a Graphic Organizer

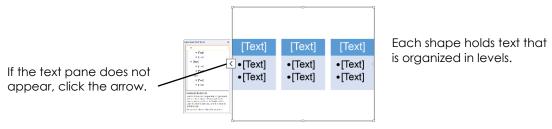


- 1. Open your presentation in PowerPoint.
- 2. Use your skills to insert a new slide.
- 3. Select the layout Title and Content.
- 4. Type a **Slide Title**.
- 5. In the content placeholder, click SmartArt. The Pick a graphic. Click OK.



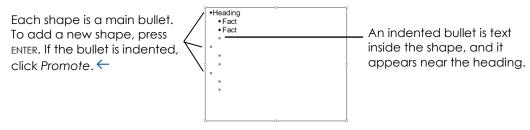
The SmartArt appears on the slide.

You can add information using the text pane or by typing into the shape.



- 6. a. In the text pane, beside the first bullet, type a **heading**. Press ENTER.
  - b. To indent the bullet, press TAB or Demote on the SmartArt Design tab. Type a fact readers would find interesting. Press ENTER.
  - c. Use your skills to add information.

    Select text or press BACKSPACE to remove any unwanted bullets.



#### 7. Click Close on the Text pane.

Heading	Heading	Heading
• Fact	• Fact	• Fact
• Fact	• Fact	• Fact

8. Select the SmartArt.

From the SmartArt Design tab click Change Colors. Pick an option.

9. Click the More arrow in the SmartArt Styles group. Pick an option.



- 10. Use your skills to resize or move the organizer on the slide.
- 11. Save the changes to your presentation. Exit PowerPoint.

#### TIPS:

- ✓ Apply a new layout. Click the SmartArt Design tab. Pick an option from the Layouts group.
- ✓ To display the Text Pane, click on the SmartArt Design tab or click the arrow on the left side of the Smart Art pane.
- ✓ Some layouts have picture options. Search Online Pictures for a picture that fits your topic.
- ✓ Add additional information, facts, data, or sources in the notes section of the slide.

This is a preview of the teacher guide.
Pages have been omitted.





Refer to the appendices for additional resources:

Appendix A: Assessment Tools

TechnoPresenter Skill Summary

Presenter Rubric

Appendix B: Contact Information

This is a preview of the teacher guide.
Pages have been omitted.



#### **Presentation Rubric**

Student Name(s)			
Topic:			

	1 Beginner Keep Trying!	2 Developing Good work!	3 Expert Outstanding job!
Presentation Style			
Spoke clearly with a varied tone.			
Made eye contact consistently. Did not read from notes.			
Held audience attention.			
Knowledge			
Demonstrated an in-depth understanding of topic.			
Provided extra details or samples to support points.			
Content			
Explained answer to research question effectively using a bulleted list.			
Organized interesting facts in a table using appropriate headings.			
Respected copyright. Rephrased information on slides into own words.			
Design			
Enhanced message using theme, images, and shapes with text.			
Information on slides was easy to read.			



#### This course includes a sample of a completed project.

Teachers can use this resource for demonstration purposes or as a source of inspiration.

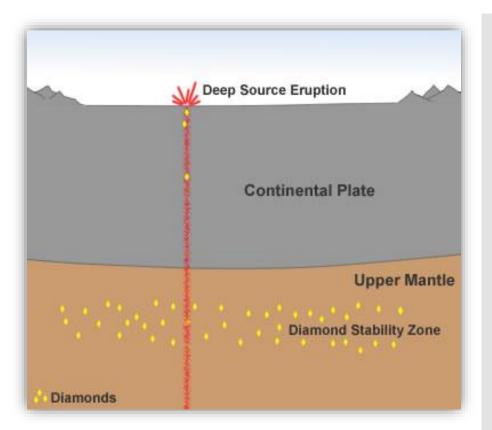
# ROCKS AND MINERALS: DIAMONDS

By Student Name



# How do Diamonds Form?

- Diamonds are made from carbon.
- Diamonds are formed in the Earth's mantle which is 100 miles below ground.
- Diamonds are made from pressure and high temperatures.
- Volcanic eruptions brought diamonds to the surface.



### Fun Facts about Diamonds

Hardness

Diamonds are rated 10 on the hardness level.

They are one of the hardest natural materials.

Weight Diamonds are weighed in carats. A carat is 200 milligrams. The heavier the diamond the more valuable.

Color Diamonds can be white, pink, blue, and yellow.



Diamonds are beautiful and tough!