

Using Presentations for Teaching & Learning

*How do we make history,
science, language arts, &
math*

A performing art?

Presented by
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The Goal of This Presentation

- Participants will develop an understanding of why they should be using presentation software as a teaching aid.
- Participants will learn why their students should be using presentation software as a learning/self-teaching aid.
- Participants will learn fundamental rules for designing electronic presentation and considerations for information design.
- Participants will learn learn what to consider when evaluating student presentations and other information products

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Why is this a lousy presentation slide?
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Online Handouts

The screenshot shows a web browser window with the URL <http://landmark-project.com/index.php>. The page features a navigation bar with links like "About", "Disclaimer", "TechnInfo", and "E-mail". A central banner reads: "This Web site is dedicated to the idea that the very nature of information is changing, practically before our eyes. It is changing in what it looks like, where we find it, what we look at to view it, what we can do with it, and how we communicate it. Here you will find information and tools designed to help us redefine literacy for the 21st Century." Below this, there are sections for "Library of Links" with a search bar, "Science Resources", "Social Studies Resources", "Words of Humankind", "Raw Data", "Images", "Other Media", "Reference", "Instructional Internet", and "Most Recent Additions". A sidebar on the left contains a quote: "You are your own best teacher" by Jimmy Buffett, and a "Web Tools" section with buttons for "Rubric Builder", "Citation Machine", "Permission Request", and "Net Evaluation & Collection". At the bottom, there is a "Global Grocery List Project" section and a "My Books" section featuring "Raw Materials For the Mind" and "Redefining Literacy for the 21st Century".

<http://landmark-project.com>

What is PowerPoint?

**PowerPoint is Not
Technology**



**PowerPoint is
Communication**



Step 3 – Information Design

- How will the information best communicate itself?
 - n Video & Animation
 - n Image
 - 3. Graph & Diagram
 - n Bulleted List
 - 5. Text

Phage are a paradigm for biologically-based antimicrobial countermeasures

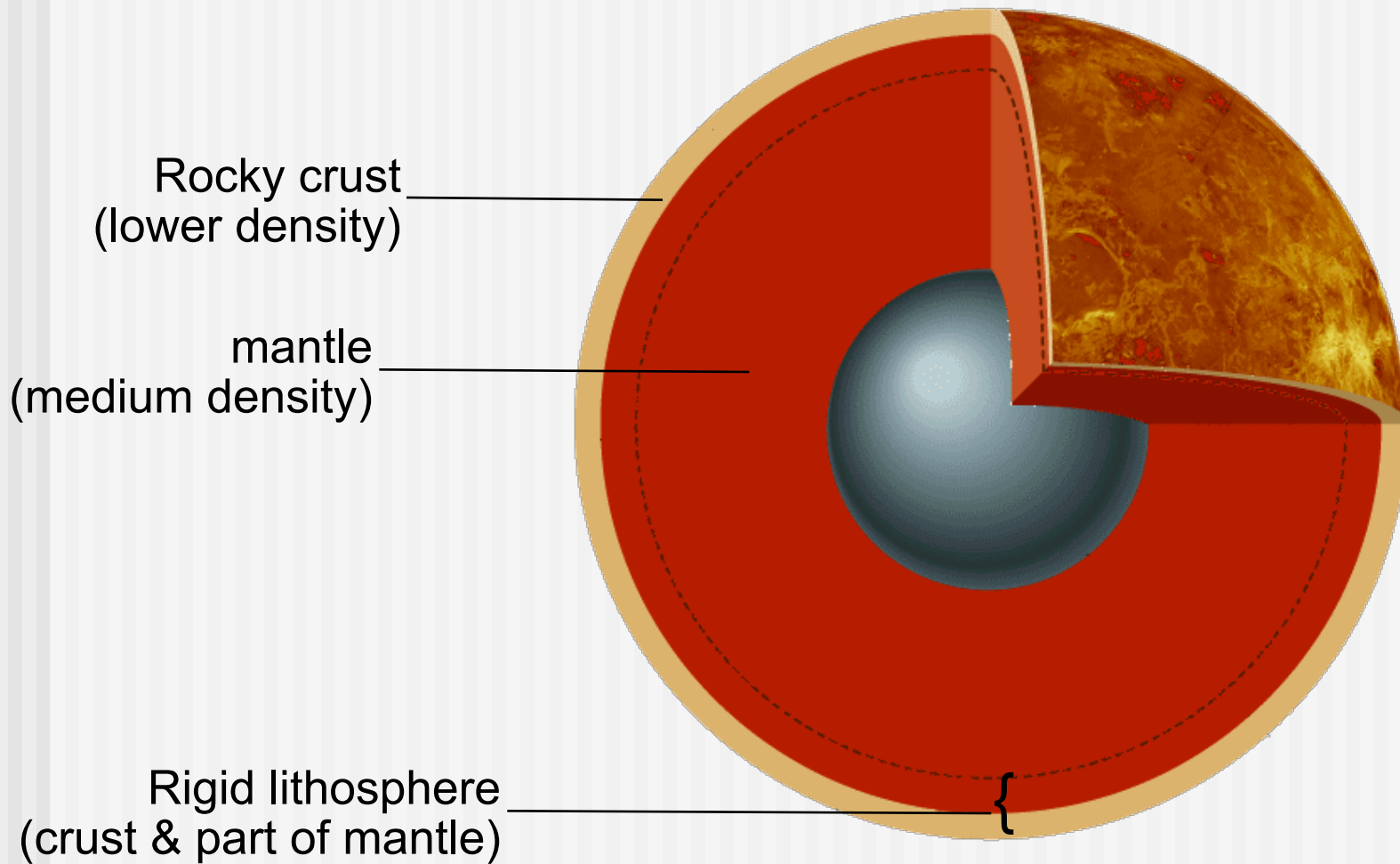
Bacteria (singular, bacterium) are a major group of living organisms. Most are microscopic and unicellular, with a relatively simple cell structure lacking a cell nucleus, cytoskeleton, and organelles such as mitochondria and chloroplasts. Their cell structure is further described in the article about prokaryotes, because bacteria are prokaryotes, in contrast to organisms with more complex cells, called eukaryotes. The term "bacteria" has variously applied to all prokaryotes or to a major group of them, depending on ideas about their relationships.



Terrestrial Planets: Surface Features

- The surface features of terrestrial planets are shaped by four main effects:
 - n Volcanism
 - n Tectonics
 - 3. Impact cratering
 - n Erosion
- 2. The first two depend on the thickness of the lithosphere

Terrestrial Planet Interior



Gospels & Myths of Design

Start with the end in mind!

This is one of the greatest of the presentation gospels. Why are you communicating with your audience? What do you want the outcome to be? Then plan for that!

Gospels & Myths of Design

Less is more!

This is true – most of the time. Decreasing the amount of text, the number of bullets, and the complexity of images, without taking away from message, will usually help you accomplish your goals.

Gospels & Myths of Design

~~Use AutoContent Wizard to help you figure out what to say~~

This is almost never true. AutoContent Wizards make it easier for you to produce PowerPoint slides, not communicate.

Gospels & Myths of Design

~~Use a template!~~

Again, this is almost never true.
Templates are designed to help you make a presentation, not communicate in order to accomplish a goal.

Gospels & Myths of Design

~~Use Outline view to write content quickly~~

Although, the outline is designed to make it easier to make PowerPoint presentations, it typically produces presentation that are too wordy, and too dependent on bulleted lists.

Gospels & Myths of Design

~~Use images to liven things up~~

If livening things up is your goal, then images can accomplish this. However, only use image to help you accomplish your goals. If they do not help you accomplish your goal, then they will distract your audience from helping you accomplish your goal.

Gospels & Myths of Design

Present your data in a chart

Yep! Data is usually better
communicated in a chart!

Gospels & Myths of Design

Practice, practice, practice

Generally, this is true. However, some people find that they can present better off-the-cuff, without much practice. It depends on the person.

Gospels & Myths of Design

Standardize position, colors and styles.

Unto itself, this is not gospel. However, most of the time, standardized positions, colors, and style make a presentation easier to view.

Gospels & Myths of Design

**Be consistent with effects,
transitions and animation**

Again, this will often help you to accomplish your goal. However, sometimes you can better accomplish your goal by creating a tension in the audience.

Gospels & Myths of Design

Avoid long sentences!

Yes!

Thanks



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