






## TIPS ON TALKS

The Ins and Outs of Visual Aids

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## Never Underestimate the Power of People to Misunderstand You!

## Visual Aids



- Word Slides
- Equations and Data Tables
- Graphics

Keep it Simple and Clean!

## Word Slides




The common mistake people make is to write down everything they want to say and then read it from the slide. The problem with this is that most people read faster than the speaker can speak and, therefore, finish well ahead of the speaker. Now what? Minds wander, ... "Where shall we go for lunch? Did I remember to turn off the coffee pot?" And you've lost them.

I have a dream that one day this nation will rise up and live out the true meaning of its creed: "We hold these truths to be self-evident, that all men are created equal."

I have a dream that one day on the red hills of Georgia, the sons of former slaves and the sons of former slave owners will be able to sit down together at the table of brotherhood.

Martin Luther King, 28 August 1963

## Grand Canyon Backpacking

- I. Intro to the Canyon
- II. Factors to Consider
- III. Route Planning & Permit Process

## Grand Canyon 101 Facts and Figures

- 5,841ft deep (1,780 m)
- 277 mi long (443 km)
- 600 ft to 18 mi wide (0.2-29 km)



## Factors to Consider

1. Availability of water
2. Weather
3. Descend with a full pack



## Factors to Consider

1. **WATER!!!!**
2. Weather
3. Descend with a full pack



## Factors to Consider

1. Water
2. Weather
3. Water
4. Descend with full pack
5. Water
6. Water



## Recap: Word Slides

- Structure



## Recap: Word Slides

- Structure
- Information
- Bullet versus numbered lists



## Recap: Word Slides

- Structure
- Information
- Bullet versus numbered lists
- Add emphasis with extras (with care)
  - Bold font**
  - All caps
  - Exclamation points
  - Different colours but,...**



Do NOT Do This



## Word Slides 101 Basic Rules

- Run the spell checker!!!!
- Use a clean font
- Use a large font
- Use a simple background



## Basic Rules for Word Slids

Oops! Forgot to run the spel cheaker!



## Basic Rules for Word Slides

- Use a clean font
- Arial, or any sans serif font
- Not this (Times New Roman)
- Not This..... Yikes!!*



## Basic Rules for Word Slides


- Use a large font
- 24 point minimum (this is 32)
- This is 24 point
- 20 point, getting a bit small
- 18 point. Can you see this in the back of the room?
- 16 point. Be serious!!!



## ***Basic Rules for Word Slides***

- Use a simple background

## ***Grand Canyon Backpacking***





- I. Intro to the Canyon
- II. Factors to Consider
- III. Route Planning & Permit Process

## Grand Canyon 101

### Facts anzzzzzzzzzzzzzzzzzz



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## Adding Graphics




### Two Basic Rules

- Relevant
- Balance




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## Equations Yes or No?



- Time?
- Purpose?
- Audience?



## Reconfabulate the Fraztboffle

### Old

- Assume a square chicken
- 2-D space
- Static

### New

- Assume a spherical chicken
- 3-D space
- Dynamic



## Mathematical Models, Statistical Studies

- What does it do?
- Why is it better?
- How can you use it?
- What assumptions?
- Limitations?



## Mean Monthly Temperature Inner Canyon

	J	F	M	A	M	J	J	A	S	O	N	D
High (F)	56	62	71	82	92	101	106	103	97	84	68	57
Low (F)	36	42	48	56	63	72	78	75	69	58	46	37
High C	13	17	22	28	33	38	41	39	36	29	20	14
Low C	2	6	9	13	17	22	26	24	21	14	8	2

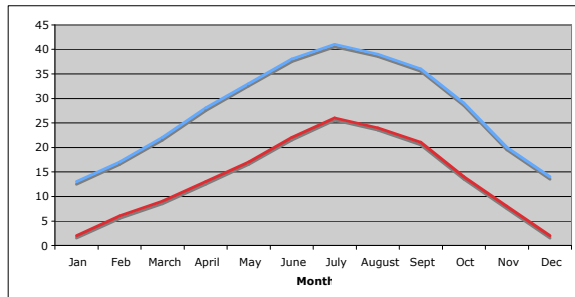


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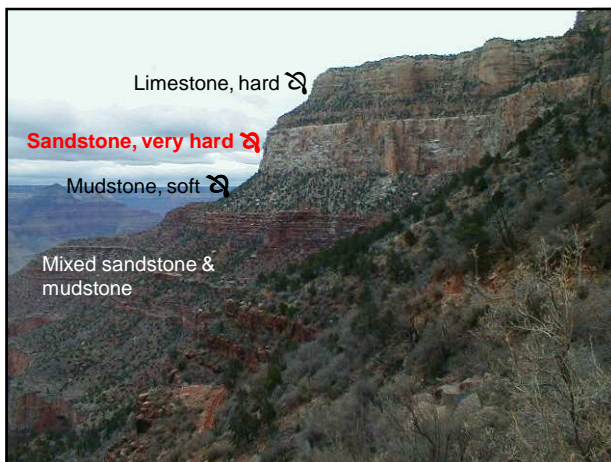


## Inner Canyon Monthly Temperature

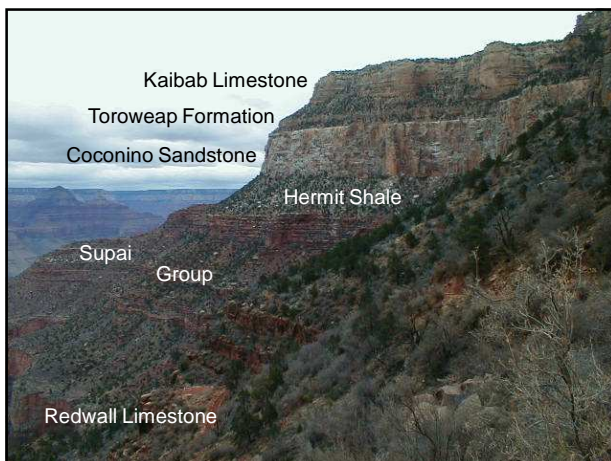
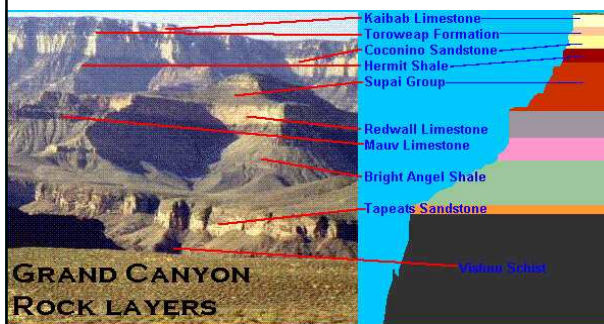


A Picture is Worth a  
Thousand Words

Sometimes!!!



## Grand Canyon Geology



## Some Tips for Graphics Design

- Keep it simple, clean
- Avoid mind-bending patterns
- Fonts as large as possible
- Take care with colour





- **Design talk and edit ruthlessly**
- Purpose of the slide?
- Does it make the point?