Death by PowerPoint

fred harris

Borrowed liberally from
Life after *Death by PowerPoint*
Don McMillan
you-tube
Most Common PowerPoint Mistakes

1. People tend to put every word they are going to say on the PowerPoint slide. Although this eliminates the need to memorize your talk, ultimately this makes your slides crowded, wordy and boring. You will lose your audience’s attention before you reach…
(Continued) the bottom of your first slide.
Most Common PowerPoint Mistakes

2. Many people do not run spell check before their presentation. **BIG MISTAKEN!!!** Nothing makes the speaker look stupid or that spelling errors.
Most Common PowerPoint Mistakes

- Avoid
- Excessive
- Bullet
- Pointing.
- Only
- Bullet
- Key
- Points.
- Too
- Many

- Bullet
- Points
- And
- Your
- Key
- Messages
- Will
- Not
- Stand
- Out.

- In Fact
- The
- Term
- Bullet Point
- Comes
- From
- People
- Firing
- Guns at
- Annoying
- Presenters

In Fact, the term bullet point comes from people firing guns at annoying presenters.
Bad Color Schemes

- Clashing color schemes and font colors can lead to
  - Distraction
  - Confusion
  - Headaches
  - Nausea
  - Vomiting
  - Lack of Bladder Control
Number of PowerPoint Slides versus Usefulness of Talk

Effectiveness of Presentation

This Presentation

Number of PowerPoint Slides in Presentation
Effectiveness Versus Data

Effectiveness of Presentation

Data Presented on PowerPoint Slides
Effectiveness Versus Data

Data Presented on PowerPoint Slides

Effectiveness of Presentation

100%
90%
80%
70%
60%
50%
40%
30%
20%

10 20 30 40 50 60

Data Presented on PowerPoint Slides
Effectiveness Versus Data

Data Presented on PowerPoint Slides

Effectiveness of Presentation

- 100%
- 90%
- 80%
- 70%
- 60%
- 50%
- 40%
- 30%
- 20%
Effectiveness Versus Data

Effectiveness of Presentation

Data Presented on PowerPoint Slides
Effectiveness Versus Data
Effectiveness Versus Data

Clarifying Detail of Figure and Additional Useful Information can Be Found in table Below. More information can Be obtained from web site moreboringstuff.com
Animation Versus Effectiveness

Data Presented on PowerPoint Slides

- Effective but Boring
- Stupid but Amusing
- Active but Ineffective
- Dull but Static
- Useful and Amusing
- Confusing
- Busy but Useless
- Original Graph
- Reversed Graph

Simple but Effective
Strange Colored Heart
Busy Pointed Box
Spinning Star
Pentagon
Heart
Dull
Big Square

Effectiveness of Presentation

10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
Good Advice

- Don’t fill the screen with Equations
- Don’t place more than a few items on screen
- PowerPoint slides are cheap use another slide rather than crowd the slide
- Don’t use dark backgrounds and colored fonts.
- View your slides on a projector. Colors and Contrast Differ from that seen on a monitor.
- Don’t make a sales presentation!
- Make sure audience feel that they learned something useful from presentation.
- Put yourself in the audience’s position. Would they find the presentation Interesting? Informative?
More Good Advice

• Inject some humor in presentation
• Use Lots of Pictures
• Use Very Few Equations
An OK Slide

FFTs: \[ H(k) = \sum_{n=0}^{N-1} h(n) e^{-j \frac{2\pi}{N} nk} \]

IFFTs: \[ h(n) = \frac{1}{N} \sum_{k=0}^{N-1} H(k) e^{j \frac{2\pi}{N} nk} \]
Find one or more faults in this Slide

Cooley-Tukey and Good-Thomas Fast Fourier Transforms

Here we can Clearly See the Relationship Between the Simplification of the Double sum Due to the twiddle factor

\[ F(k) = \sum_{n=0}^{N-1} f(n) w_N^{nk} \]

\[ F(k_1, k_2) = \sum_{n_1=0}^{N_1-1} \sum_{n_2=0}^{N_2-1} f(n_1, n_2) w_N^{(n_1+n_2N_1)(k_1+k_2N_2)} \]

Examine product in Exponent

\[ w_N^{nk} = w_N^{n_1k_1} w_N^{n_2k_2} \]

\[ = w_N^{n_1k_1} w_N^{n_2k_2} w_N^{n_2k_1} \]

Oops a clear space: we have to fill this with something.
Good luck

And Happy Presenting!