Library Network Support Services (LNSS):

Modernising libraries in Armenia, Moldavia and Belarus through library staff development and reforming library services
How to become a better teacher using ICT

Master Class

Prof.dr.eng., dr. marketing Angela Repanovici
Transilvania University of Brașov, Romania
Dr. Manolis Koukourakis, Library Director
Crete University Library, Greece
OUTLINE

• Power Point presentation – how to design to be effective

• Power Point interactive with Hypersay

• Assessment of knowledge with interactive tools, Kahoot
https://www.scoop.it/t/digital-presentations-in-education
Genially - Create interactive educational resources
A single tool to create all kinds of didactic resources, presentations, games, interactive images, maps, illustrated processes, CSVs, etc. Ideal for all levels of education (primary, secondary, and above) and e-learning.

9 Ways to Make Your PowerPoint Presentation Dazzle Using Fonts
“Your font choice can have a surprisingly huge impact on how your audience perceives your message in your presentation”

Presentation Essentials: How to Share Ideas That Inspire Action | Simon Sinek
“Make your next presentation unforgettable — and banish fears of public speaking! Learn how to deliver an effective oral presentation with this popular class”

Create a Dynamic Summary Slide Using the PowerPoint "Summary Zoom"
“If you want to quickly create a dazzling summary of your presentation that will surely wow your audience, look no further than creating a Summary Zoom slide in”

Hypersay - Live presentations for connected audiences
Hypersay increases student participation by turning powerpoint-based classes into connected sessions. Students use their devices to answer real-time quizzes, access shared content, ask questions and take notes. All in one package, completely free.
Why PowerPoint?

- To hold interest
- To focus attention
- To guide discussions/overviews
- To tell a story
- To support the message being delivered
What makes the design of a .ppt presentation ineffective?

• Slides read word for word (60%)
• Text too small (51%)
• Full sentences used (48%)

Bad PowerPoint Press Release 2003 survey
www.communicateusingtechnology.com
Designing Effective PowerPoint Presentation

- Big
- Progressive
- Consistent
- Simple
- Clear

Summary

 уверен натрува волю

- Click the words to explore
- Press ← to go back
- Press Esc to stop
Make it Big (Text)

• This is Arial 12
• This is Arial 18
• This is Arial 24
• This is Arial 32
• This is Arial 36
• This is Arial 44
Make it Big (Text)

• This is Arial 12
• This is Arial 18
• This is Arial 24
• This is Arial 32
• This is Arial 36
• This is Arial 44

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Keep It Simple (Text)

• Too many colors

• Too Many Fonts and Styles

• The 6 x 7 rule
  • No more than 6 lines per slide
  • No more than 7 words per line

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Fonts

• Use at least an 18-point font
• Use different size fonts for main points and secondary points
  • this font is 24-point, the main point font is 28-point, and the title font is 44-point
• Use a standard font
Keep It Simple (Text)

Instructional Technology:
A complex integrated process involving people, procedures, ideas, devices, and organization, for analyzing problems and devising, implementing, evaluating, and managing solutions to those problems in situations in which learning is purposive and controlled (HMRS 5th ed.)

Too detailed!
Keep It Simple (Text)

Instructional Technology:
A process involving people, procedures & tools for solutions to problems
(HMRS 5th ed.)

Much Simpler

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Falling Leaves Observed

<table>
<thead>
<tr>
<th></th>
<th>Christchurch</th>
<th>Dunedin</th>
<th>Wellington</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>11,532,234</td>
<td>14,123,654</td>
<td>3,034,564</td>
</tr>
<tr>
<td>February</td>
<td>1,078,456</td>
<td>12,345,567</td>
<td>16,128,234</td>
</tr>
<tr>
<td>March</td>
<td>17,234,778</td>
<td>6,567,123</td>
<td>16,034,786</td>
</tr>
<tr>
<td>April</td>
<td>16,098,897</td>
<td>10,870,954</td>
<td>7,940,096</td>
</tr>
<tr>
<td>May</td>
<td>8,036,897</td>
<td>10,345,394</td>
<td>14,856,456</td>
</tr>
<tr>
<td>June</td>
<td>16,184,345</td>
<td>678,095</td>
<td>4,123,656</td>
</tr>
<tr>
<td>July</td>
<td>8,890,345</td>
<td>15,347,934</td>
<td>18,885,786</td>
</tr>
<tr>
<td>August</td>
<td>8,674,234</td>
<td>18,107,110</td>
<td>17,230,095</td>
</tr>
<tr>
<td>September</td>
<td>4,032,045</td>
<td>18,923,239</td>
<td>9,950,498</td>
</tr>
<tr>
<td>October</td>
<td>2,608,096</td>
<td>9,945,890</td>
<td>5,596,096</td>
</tr>
<tr>
<td>November</td>
<td>5,864,034</td>
<td>478,023</td>
<td>6,678,125</td>
</tr>
<tr>
<td>December</td>
<td>12,234,123</td>
<td>9,532,111</td>
<td>3,045,654</td>
</tr>
</tbody>
</table>

Too detailed!
## Falling Leaves in Millions

<table>
<thead>
<tr>
<th>In $10^6$</th>
<th>Christchurch</th>
<th>Dunedin</th>
<th>Wellington</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>14</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>12</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>6</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>10</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>15</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>18</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>18</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>9</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>0</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>9</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

*Much Simpler*
Falling Leaves

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Falling Leaves

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Keep It Simple (Sound)

• Sound effects may distract too

• Use sound only when necessary

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Make It Clear (Capitalisation)

• ALL CAPITAL LETTERS ARE DIFFICULT TO READ
  • CAPITALIZE ONLY WHEN NECESSARY

• Upper and lower case letters are easier
  • Don’t use a complicated font

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Make It Clear (Fonts)

Sanserif: 

Serif: 

clear

busy
Make It Clear (Fonts)

• Serif fonts are difficult to read on screen
• Sanserif fonts are clearer
• Italics are difficult to read on screen
• Normal or **bold** fonts are clearer
• Underlines may signify hyperlinks
• Instead, use **colors** to emphasise

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Make It Clear (Numbers)

Use numbers for lists with sequence
For example:

How to put an elephant into a fridge?

1. Open the door of the fridge
2. Put the elephant in
3. Close the door

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Make It Clear (Numbers)

**Use numbers for lists with sequence**

For example:

How to put an elephant into a fridge?

1. Open the door of the fridge
2. Put the elephant in
3. Close the door

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Make It Clear (Numbers)

How to put a giraffe into a fridge?

1. Open the door of the fridge
2. Take out the elephant
3. Put the giraffe in
4. Close the door

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Make It Clear (Bullets)

Use bullets to show a list without

• Priority
• Sequence
• Hierarchy, .....
Make It Clear (Colors)

• Use contrasting colors
• Light on dark vs dark on light
• Use complementary colors

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Make It Clear (Complement)

- Use contrasting colors
- Light on dark vs. dark on light
- Use complementary colors

These colors do not complement

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Make It Clear (Complement)

- Use contrasting colors
- Light on dark vs. dark on light
- Use complementary colors

These colors complement

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Make It Clear - Background

• Use backgrounds that are attractive but simple

• Use backgrounds which are light

• Use the same background consistently throughout your presentation
Avoid backgrounds that are distracting or difficult to read from.

Always be consistent with the background that you use.
Make It Clear - Graphs

- Use graphs rather than just charts and words
  - Data in graphs is easier to comprehend & retain than is raw data
  - Trends are easier to visualize in graph form

- Always title your graphs
### Make It Clear - Graphs

<table>
<thead>
<tr>
<th></th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Balls</td>
<td>20.4</td>
<td>27.4</td>
<td>90</td>
<td>20.4</td>
</tr>
<tr>
<td>Red Balls</td>
<td>30.6</td>
<td>38.6</td>
<td>34.6</td>
<td>31.6</td>
</tr>
</tbody>
</table>
Make It Clear - Graphs

Items Sold in First Quarter of Year

- **Blue Balls**
- **Red Balls**

![Bar graph showing items sold in the first quarter of the year.](image-url)
Make It Clear - Graphics

• Do use some graphics in your slideshow
  • Nothing is more boring than an all-text slideshow.
  • Choose graphics carefully and appropriately.
Make It Clear - Graphics

JPG or JPEG
• “Joint Photographic Experts Group”
• the best file type to use if your image is a photo or a scan
• allows for a full range of colors in a small file

GIF
• “Graphical Interface Format”
• the best file type to use for logos, line art, or other images with limited colors
• GIF files only store colors that are actually used in the image
What About Resolution?

- “Resolution” = number of pixels per inch in a bitmap image
- The more dots per inch (dpi), the higher the resolution
- Higher resolution ("high res") means a better quality image

HOWEVER...
PowerPoint only displays at 92 dpi onscreen
What Resolution Should I Use?

Can you tell the difference on screen? How about if you print it?
What Resolution Should I Use?

So what’s the difference?

300 dpi
This image is 1.4 MB

72 dpi
This image is 240 K
Resolution  - On Screen vs. Print

ON SCREEN  92 dpi
PRINTING   300 dpi

• If showing PowerPoint presentation on screen only, use images at 92 dpi
• If printing PowerPoint presentation, use images at 300 dpi
• High res images look better when printed but make presentation file big
• Never start with a low res image and try to increase it’s res. Result will be a fuzzy picture
Make It Clear (Size)

• Size implies importance
Final Word

“The purpose of using visual aids is to enhance your presentation, not upstage it.”

Lenny Laskowski
PowerPointers.com
Be Progressive
Slide Structure – progressive

• Show one point at a time:
  ✓ Will help audience concentrate on what you are saying
  ✓ Will prevent audience from reading ahead
  ✓ Will help you keep your presentation focused
Slide Structure - animation

• Do not use distracting animation

• Do not go overboard with the animation

• Be consistent with the animation you use
Types of Instructional Tools

Direct Instruction

Guided Inquiry

Discovery Learning

Individual Instructive Tools

Social Constructive Tools

Individual Constructive Tools

Social Communicative Tools

Individual

Pair

Group

Complexity of Interactions

Too many in one go!

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Complexity of Interactions

Mode of Instruction
- Individual
- Pair
- Group

Types of Instruction
- Direct Instruction
- Guided Inquiry
- Discovery Learning

Types of Instructional Tools
- Individual Constructive Tools
- Social Constructive Tools
- Individual Instructive Tools
- Social Constructive Tools

Progressive & thus focused
Understanding Technology

Mouse
Main Storage
Function key
Software
Floppy disk

I/O Error
CPU
User interface
Debugger
Backup system

Too many & not focused

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Understanding Technology

- Mouse
- Main Storage
- Function key
- Software
- Floppy disk

Progressive & thus focused

- I/O Error
- CPU
- User interface
- Debugger
- Backup system
Be Consistent
Be Consistent

• Differences draw attention
• Differences may imply importance
• Use surprises to attract not distract

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Be Consistent

✔ Differences draw attention
  • Differences may imply importance
  • Use surprises to attract not distract
Be Consistent

✔ Differences draw attention
  ▪ Differences may imply importance
  ○ Use surprises to attract not distract

These differences distract!

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Be Consistent

• Differences draw attention
• Differences may imply importance
• Use surprises to attract not distract

This implies importance

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Be Consistent

• Differences draw **attention**
• Differences may imply **importance**
• Use **surprises** to **attract** not distract

Be Consistent

• Differences draw attention
• Differences may imply importance
• Use surprises to attract not distract

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Be Consistent

• Differences draw attention
• Differences may imply **importance**
• Use surprises to **attract** not distract

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
In Summary

• Big
• Simple
• Clear
• Progressive
• Consistent

http://www.ncsl.org/documents/seminars/effective_powerpoint_presentations.ppt
Tips for Presenting

• Limit the number of slides
  • 3 slides per minute is the maximum
• Practice moving between slides.
• Be prepared for technical difficulties
• Avoid the use of flashy transitions.
• Apply rule 10/20/30 (10 slides, 20 minutes, 30 point font).
• 5/5/5 rule: no more than five words per line of text, five lines of text per slide, or five text-heavy slides in a row.

THIS IS TOO FLASHY!
Some Final Words

• Communication is the key
• Text to support the communication
• Pictures to simplify complex concepts
• Animations for complex relationships
• Visuals to support, not to distract
• Sounds only when absolutely necessary
https://hypersay.com/

What does your audience know?
Deliver interactive presentations to connected audiences.

Watch video  Get Started

https://youtu.be/mG0o6Xmp0Jc
What does your audience say?
Deliver interactive presentations.

Watch video
Get Started

Sign in

- Sign in with LinkedIn
- Sign in with Google
- Sign in with Facebook
- Sign in with email

Presenters are required to sign in before uploading files or inviting participants.
Participants are encouraged to sign in for continued access to their personal notes, contributions and presentations attended.
Master Class_2018

How to become a better teacher using new ICT
Library Network Support Services (LNSS):

Modernising libraries in Armenia, Moldavia and Belarus through library staff development and reforming library services
Library Network Support Services (LNSS):
Modernising libraries in Armenia, Moldavia and Belarus through library staff development and reforming library services

How to become a better teacher using ICT
Master Class

OUTLINE
How to become a better teacher using new ICT
Library Network Support Services (LNSS):

Modernising libraries in Armenia, Moldavia and Belarus through library staff development and reforming library services
Modernising libraries in Armenia, Moldavia and Belarus through library staff development and reforming library services
Publicul tău ce spune?
Transformă tradiționala prezentare powerpoint într-una interactivă și atractivă menținând publicul implicat.
Library Network Support Services (LNSS):

Modernising libraries in Armenia, Moldavia and Belarus through library staff development and reforming library services
So ... What have we learned so far ???
What is Kahoot! | How to play Kahoot!

How to become a better teacher using new ICT
This video shows happy Kahootl’ers celebrating all over the world. Learn how Kahoot! works

What is Kahoot! | How to play Kahoot!

How to become a better teacher using new ICT
WHAT IS KAHOOT!?  
Kahoot! is a free game-based learning platform for teachers of awesome, classroom superheroes and all learners. Play, learn, have fun and celebrate together!

Different ways to play

What is Kahoot! | How to play Kahoot!

https://youtu.be/JhK6sOQcPQ8
HOW DOES KAHOOT! WORK?
Make learning fun, inclusive and engaging in all contexts

Create

Create a fun learning game in minutes – we call these ‘kahoots’. You can make a series of multiple choice questions or try our new game – Jumble. The format and number of questions are entirely up to you. Add videos, images and diagrams to your questions to amplify engagement.

What is Kahoot! | How to play Kahoot!
Play

Kahoots are best played in a group setting, for example, a classroom. Players answer the questions on their own devices, while games are displayed on a shared screen to unite the lesson. It creates a ‘campfire moment’ encouraging players to look up and celebrate together. Besides creating your own kahoots, you can search among millions of existing games.

What is Kahoot! | How to play Kahoot!
Social learning promotes discussion and pedagogical impact, whether players are in the same room or on the other side of the globe. After a game, encourage players to create and share their own kahoots to deepen understanding, mastery and purpose, as well as engage in peer-led discussions. When a learner becomes a leader, that’s a true magic moment!

What is Kahoot! | How to play Kahoot!
Reinforce

Practice makes perfect! With the challenge feature and our mobile app, you can assign kahoots as homework. Students play kahoots on their phones for revision and reinforcement, training their classroom superpowers anytime. In homework challenges, questions and answers will appear on their phone screens. Choose a kahoot, assign it as a challenge and share the link or PIN with your students. Make homework awesome!

What is Kahoot! | How to play Kahoot!
What is Kahoot! | How to play Kahoot!
6 REASONS TO START KAHOOT!’ING
(yes, it’s a verb now!)

1. It’s flexible
   In a few minutes, you can create a learning game for all ages, any topic. Kahoot! is even played in gym classes!

2. It’s simple
   Kahoot! works on any device with an internet connection. For players, no account or login is required to join a game.

3. It’s diverse
   Starting a conversation or reinforcing knowledge, introducing new topics or encouraging teamwork, and more – there’s so many different ways to Kahoot!

4. It’s engaging
   Kahoot! fosters social learning, unlocks learners’ potential and deepens pedagogical impact.

5. It’s global
   You can connect and play in real time with other players in 180+ countries.

6. It’s free
   Creating learning games and playing Kahoot! in your classroom is free.

What is Kahoot! | How to play Kahoot!
Save time on correcting homework with Kahoot! challenges
Find out how to assign kahoots as homework with challenges and assess learning progress.

Marketing analytic
by arepanovic 3 weeks ago
Quiz 5 questions [Private]

BDPS PIVOT TABLE 2018
by arepanovic 1 month ago
Quiz 5 questions [Private]

Statistica - test 2 - definiții - LAB 2 BDPS 2018
by arepanovic 2 months ago [Duplicated from arepanovic]
Using Kahoot! challenges and the app for homework - it's awesome!

Homework challenges aren't just fun and engaging. They are great for revising content, **save your time** on manual correction of assignments and help you **instantly assess learning progress**. The new reports we've just added to our mobile app will make it even easier. Find out how:


https://youtu.be/dEGrvWxWu5c
Save time on correcting homework

It takes quite a bit of time to check and correct homework assignments on paper before you give feedback to students. Assigning kahoots as homework will save your time, because this kind of homework corrects itself.

When playing challenges on their phones, students find out immediately if they got the correct answer. Now, we also added a new feature that will help learners reflect and review the content. After the game, they can go through the questions when they have time, take a closer look at the images and review correct answers.

Get an instant assessment of learning progress

When students start playing the homework challenge, you can keep track of their progress and assess the results. Log in to your account in our app, open your challenge and tap on the leaderboard to view a report, including:

- A full leaderboard with all players (while players only see top 5 and their own score)
- Who completed the challenge and who is still playing
- What ratio of correct (green) and incorrect answers (red) each of the players had

Also, after a challenge is completed, you can review stats question by question and see the ratio of correct and of incorrect answers.

The insights from these reports turn challenges into an efficient **formative assessment** tool. The reports will help you understand how well the content was mastered, spot areas that require more attention in your next class and see if some of the students need a bit of extra guidance on the topic.

You can also download reports with homework results in a spreadsheet on your computer. Log in to your account, go to My Results and find the name of the kahoot you assigned as homework challenge on the list.

Recap: how to assign a kahoot as homework

About to create your first homework challenge? You can create a challenge both from your computer and in our mobile app. Read our recent blog post with detailed instructions or watch this video to learn how to do it:

https://youtu.be/R3QaK39TYr8

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DREPT DE AUTOR TEST 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Played on</td>
<td>1 Apr 2018</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Hosted by</td>
<td>arepanovici</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Played with</td>
<td>40 players</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Played</td>
<td>15 of 15 questions</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Overall Performance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Total correct answers (%)</td>
<td>72.93%</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Total incorrect answers (%)</td>
<td>27.07%</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Average score (points)</td>
<td>10123.80 points</td>
<td></td>
</tr>
</tbody>
</table>
# DREPT DE AUTOR TEST 1

## Final Scores

<table>
<thead>
<tr>
<th>Rank</th>
<th>Players</th>
<th>Total Score (points)</th>
<th>Correct Answers</th>
<th>Incorrect Answers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Staniciu D</td>
<td>18896</td>
<td>15</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>Stache M.</td>
<td>18479</td>
<td>15</td>
<td>0</td>
</tr>
</tbody>
</table>

## DREPT DE AUTOR TEST 1

**Q15** *Kahoot homework* is util in the teaching process?

**Correct answers**

Da, mi se pare adaptat generației noastre, Nu am nici o părere, Nu mi

**Players correct (%)**

100.00%

**Question duration**

20 seconds

## Answer Summary

<table>
<thead>
<tr>
<th>Answer options</th>
<th>Is answer correct?</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Da, mi se pare adaptat generației noastre&quot;</td>
<td>✔️</td>
</tr>
</tbody>
</table>

**Number of answers received**

33

---

"Nu am nici o părere"  
"Nu mi se pare serios"  
"Cred ca este pedagogic"
How to become a better teacher using new ICT

https://create.kahoot.it/details/master-class-test-lnss-armenia-moldova-belarus-2018/db540fef-3de5-4ad5-a8f7-038e0f88c591
Conclusions

[Image: https://www.pinterest.com/pin/484629609886598528/]

Make Your Presentations Interactive! – Be your best teacher

https://www.pinterest.com/pin/484629609886598528/
Thank you for your attention!

Дзякуй за УВАГА!

Συνηθισμένης προσοχής ημέρα!

Mulțumesc pentru atenție!

Ευχαριστώ για την προσοχή!