

# Creating eLearning lessons with Articulate software in LMS environment

## A short and practical start-up guide

# Summary

- LMS and SCORM (Start with the end in Mind)
- Microsoft PowerPoint presentation
- Quizzes and Engage Interactions
- Movies
- Voice Recorded
- Articulate software

# Who can use this short guide?

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Companies or individuals who want to deliver the courses through eLearning in a Learning Management System environment.

# Start with the end in Mind

## LEARNING MANAGEMENT SYSTEM

The scope of moving towards eLearning is to:

- save costs,
- ensure a high degree of course quality,
- an extensive capability to share and access courses content from everywhere
- using any mobile or PC software/devices,
- a user friendly LMS that requires the least amount of maintenance,
- the capability to produce reports at no extra costs

# Start with the end in Mind (cont.)

First step- selection of a proper LMS and criteria to be considered:

- the infrastructure that delivers and manages the instructional content,
- identifies and assesses individual and organizational learning or training goals,
- tracks the progress towards meeting those goals,
- collects and presents data for supervising the learning process of the organization as a whole

# Start with the end in Mind (cont.)

A Learning Management System delivers content, but some also handles registering for courses, course administration, skills gap analysis, tracking, and reporting.

□ Remember:

***LMS does not create course content***

# Learning Management System

## **LMS Functionality (wish list)**

- Course Content Delivery
- Student Registration and Administration
- Training Event Management (i.e., scheduling, tracking)
- Curriculum and Certification Management
- Skills and Competencies Management
- Skill Gap Analysis
- Individual Development Plan (IDP)
- Reporting
- Training Record Management
- Courseware Authoring
- Resource Management
- Virtual Organizations

# Learning Management System cont.'

- Most buyers of LMSs utilize an authoring tool to create their e-learning content, which is then hosted on an LMS.
- For advanced content creation buyers must choose an authoring software package that integrates with their LMS in order for their content to be hosted.
- There are authoring tools on the market which meet AICC and SCORM standards and therefore content created in tools such as these can be hosted on an AICC or SCORM certified LMS.

# SCORM

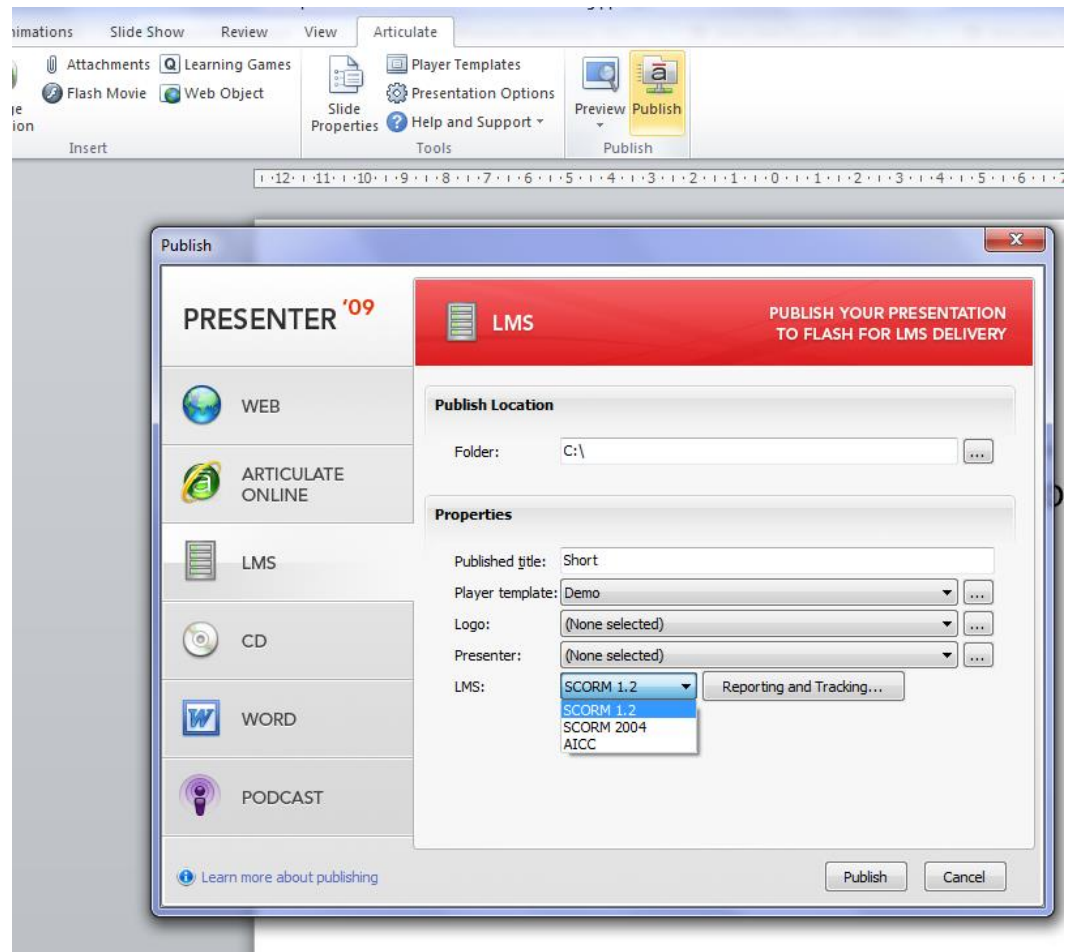
- **Sharable Content Object Reference Model (SCORM)** is a collection of standards and specifications for web-based e-learning.
- It defines communications between client side content and a host system (called "the run-time environment"), which is commonly supported by a learning management system.
- SCORM also defines how content may be packaged into a transferable ZIP file called "Package Interchange Format."
- SCORM package is created in Articulate by selecting the type of SCORM supported by LMS.

# SCORM cont.'

SCORM can be selected as:

1.2, 2004 or AICC in Articulate but LMS that has to support either one or all of them.

The latest SCORM is 2004 3<sup>rd</sup> edition



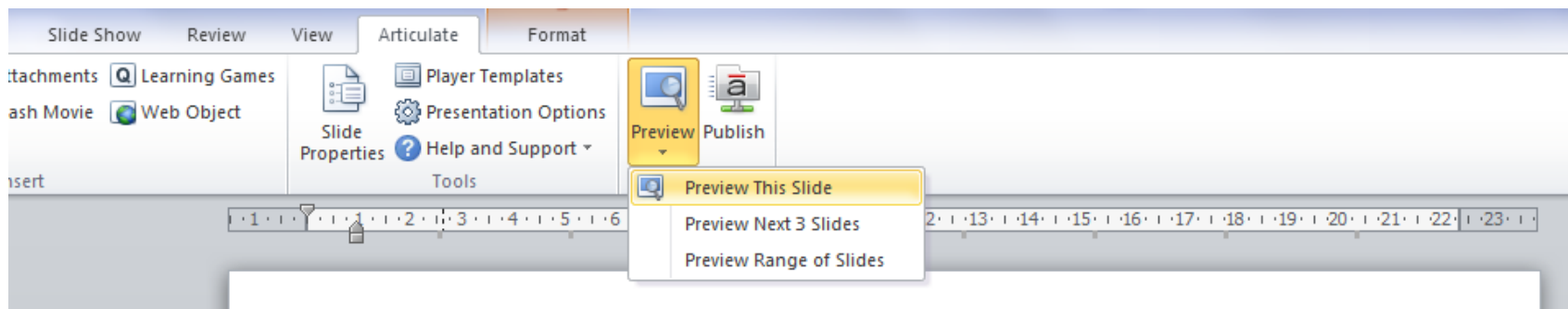
# Microsoft PowerPoint presentations

## Adding slide content:

- Avoid small size characters and paragraphs that have no spaced lines because the reader will have a difficult time to read the context.
- I use Calibri although Arial, Time New Roman work well too.

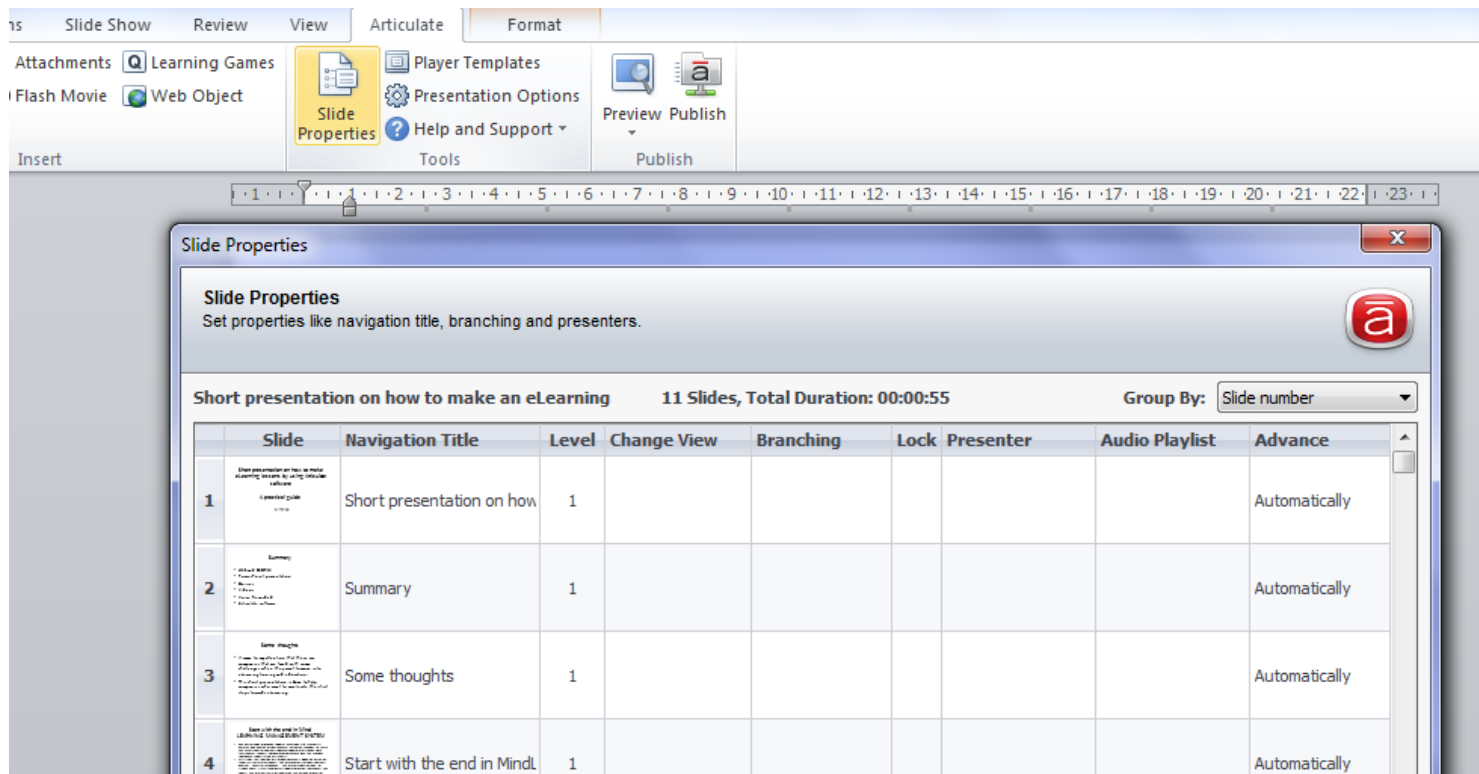
# Microsoft PowerPoint presentations Cont'.

- If you already have Articulate installed then preview before editing the text.



# Microsoft PowerPoint presentations Cont'.

Ensure that you have the content layout on page including Media because in Articulate you will see all titles under Slide Properties/Navigation Title.



The screenshot shows the Articulate software interface with the Slide Properties dialog box open. The dialog box title is "Slide Properties" and it contains the following information:

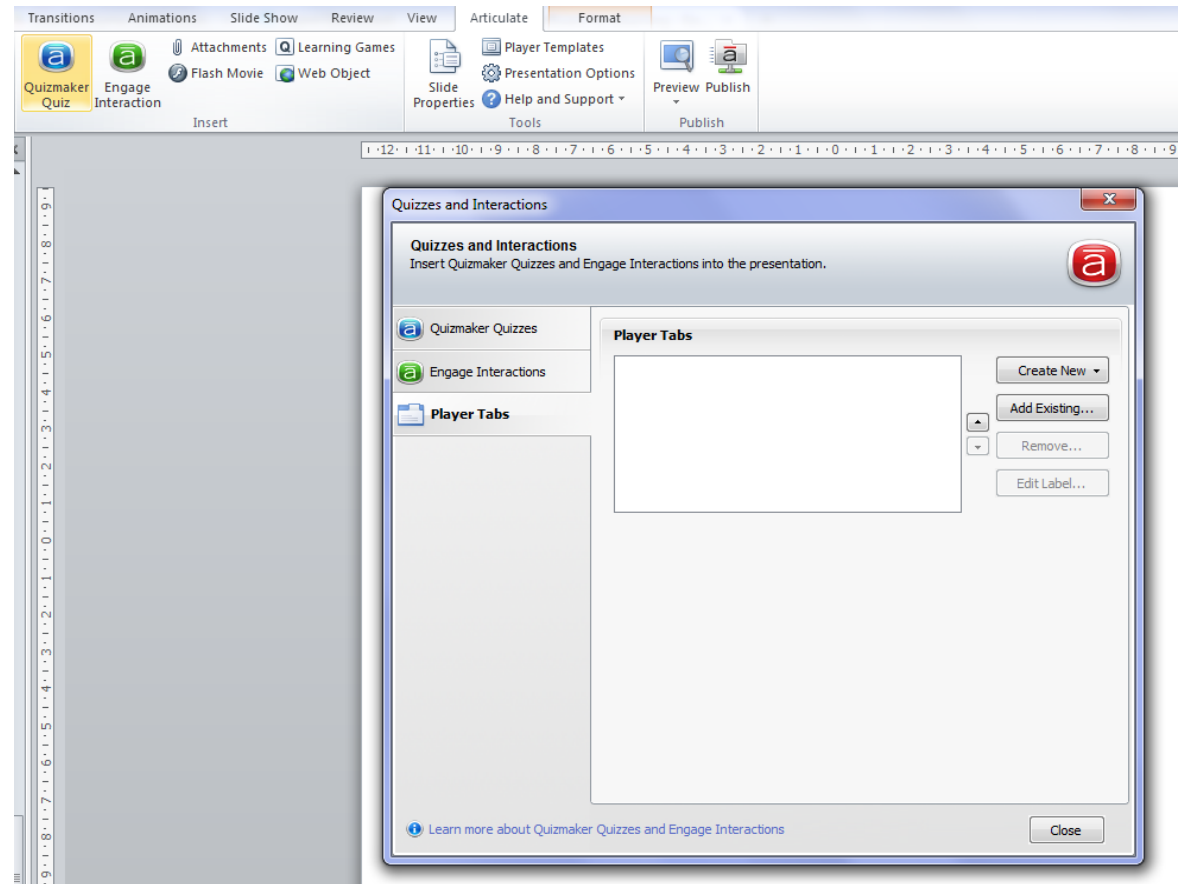
Slide Properties  
Set properties like navigation title, branching and presenters.

Short presentation on how to make an eLearning 11 Slides, Total Duration: 00:00:55 Group By: Slide number

Slide	Navigation Title	Level	Change View	Branching	Lock	Presenter	Audio Playlist	Advance
1	Short presentation on how to make an eLearning 11 Slides, Total Duration: 00:00:55	1						Automatically
2	Summary	1						Automatically
3	Some thoughts	1						Automatically
4	Start with the end in MindL	1						Automatically

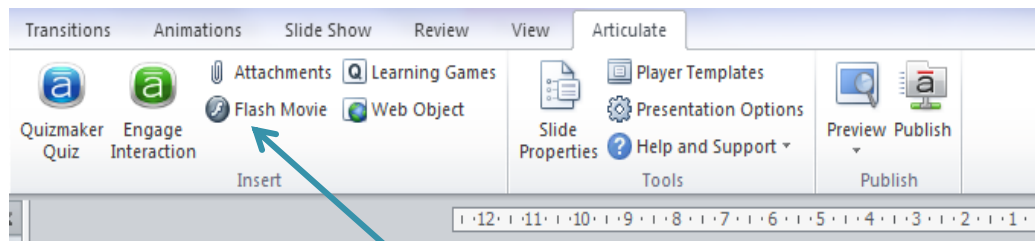
# Quizmaker and Engage Interaction

- Quizmaker and Engage Interaction can be inserted any time while you edit the slides.
- Quizmaker and Engage Interaction can be inserted on Slide or on Player tab.
- Depending on the LMS, you will need to verify which way is the best for LMS because quizzes will be graded and results will show in LMS.



# Movies

- Articulate supports SWF, .FLV or .MP4 file
- If you have not created the movies by using any of the above formats, then you will have to convert them. You will need to download a converter before inserting the movie into the slide.



# Voice Recorded

- You can record the voice directly in Articulate or record it as .MP3
- When importing audio into Articulate, you can choose to import either .WAV or .MP3 format.
- The specific types of supported audio formats include the following:

## **Supported .WAV File Types:**

- PCM - Microsoft Pulse-Code Modulation.
- Microsoft ADPCM - Microsoft Adaptive Delta Pulse Code Modulation
- GSM 6.10 - Microsoft Groupe Spécial Mobile
- IMA ADPCM - Microsoft Interactive Multimedia Association (4 bits per sample)
- CCITT A-Law/G.711 CCITT u-Law - Microsoft International Telecommunications Union

## **Supported .MP3 File Types:**

- MP3 - MPEG-1 Audio Layer 3

# Articulate Software

- Depending on your application you can use either Articulate Storyline or Articulate Studio.
- You will need to know your work environment, who and how the eLearning, media accessibility, etc. will be used.

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For questions contact directly our Forum or  
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