Oblikovanje odprtih učnih gradiv: Mikro učenje pri učenju tujega jezika stroke

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Učni predmeti, učni viri…

INTRODUCTION TO STEM COMMUNICATION

This interactive website will introduce you to five principles for communicating STEM concepts. There are three activities weaved throughout this page, where we encourage you to consider how to apply and explore the principles.

As you explore this page, be sure to check out the resources that are available to you under each principle. There are video examples, additional resources, and explanations for how to begin applying each principle.

FIVE PRINCIPLES OF STEM COMMUNICATION

01 KNOW YOUR AUDIENCE
02 CHOOSE YOUR WORDS
03 DESIGN YOUR APPROACH
04 MAKE YOUR CASE
05 SHOW YOUR IMPACT

Introduction to data storytelling

A modern data scientist is expected to be a catalyst for change in an organisation. This requires not only performing complex data manipulation, but also communicating findings to senior level decision-makers. A key part of this is being able to tell powerful stories.

No field is more experienced at finding and telling stories than journalism, and likewise no field better at using data than data science. This module looks at what both fields can learn from each other, and what you can learn from them, in order to find and tell compelling stories with data.
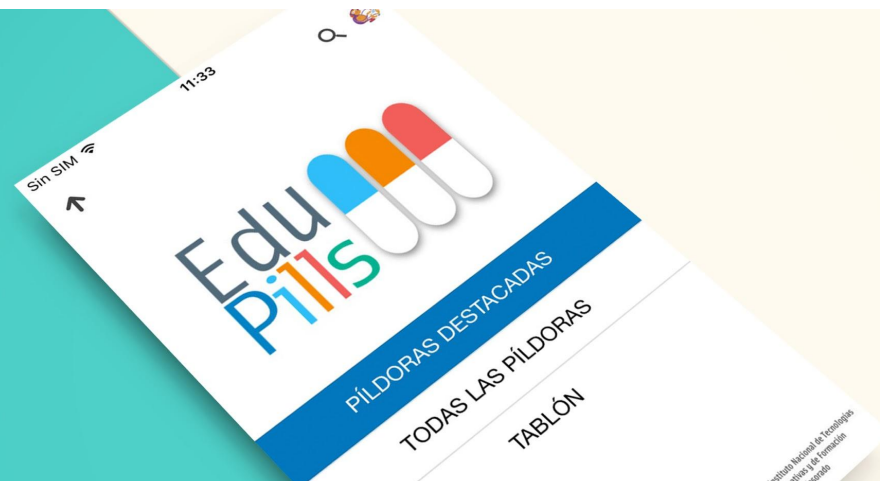
In this module we will explore the following:

✓ How data has changed the way we find stories
✓ How data has changed the way we tell stories
✓ Examples of great data stories

EUROPEAN DATA SCIENCE ACADEMY

Why do data scientists need to tell stories?

ODI Trainer and Data Scientist Dr David Tarrant explains why it is important for data scientists to be able to tell stories.

Dave Tarrant
Trainer & Data Scientist

…MOBILNO UČENJE, MIKRO UČENJE…

Orodja za oblikovanje interaktivnih e-gradiv

H5P

CREATE, SHARE AND REUSE INTERACTIVE HTML5 CONTENT IN YOUR BROWSER

Try this ⇨

Time spent: 0:07
Card turns: 2

Accordion
Create vertically stacked expandable

Agamotto
Create a sequence of images that gradually

Arithmetic Quiz
Create time-based arithmetic quizzes

Audio Recorder
Create an audio recording

Chart
Quickly generate bar and pie charts

Collage
Create a collage of multiple images

Column
Column layout for H5P Content

Course Presentation
Create a presentation with interactive slides

Dialog Cards
Create text-based turning cards

Documentation Tool
Create a form wizard with text export

Drag and Drop
Create drag and drop tasks with images

Drag the Words
Create text-based drag and drop tasks

Essay
Create essay with instant feedback

Fill in the Blanks
Create a task with missing words in a text

Find Multiple Hotsp...
Create many hotspots for users to find

Find the Hotspot
Create image hotspot for users to find

Flashcards
Create stylish and modern flashcards

Guess the Answer
Create an image with a question and answer

Iframe Embedder
Embed from a url or a set of files

Image Hotspots
Create an image with multiple info hotspots

Image Juxtaposition
Create interactive images

Image Sequencing
Place images in the correct order

Image Slider
Easily create an Image Slider

Impressive Present...
Create a slideshow with parallax effects

Interactive Video
Create videos enriched with interactions

Mark the Words
Create a task where users highlight words

Memory Game
Create the classic image pairing game

Multiple Choice
Create flexible multiple choice questions

Personality Quiz
Create personality quizzes

Questionnaire
Create a questionnaire to receive feedback

Quiz (Question Set)
Create a sequence of various question types

Single Choice Set
Create questions with one correct answer

Speak the Words
Answer a question using your voice

Speak the Words Set
A series of questions answered by speech

Summary
Create tasks with a list of statements

Timeline
Create a timeline of events with

True/False Question
Create True/False questions

Twitter User Feed
Show your Twitter feed with H5P

Interaktivni video posnetki

❖ Lastni video posnetek ali z YouTubea

❖ Dodajamo besedila, tabele, slikovno gradivo, povezave

❖ Dodajamo interaktivne vsebine: vprašanja izbirnega tipa, povleci in spusti, dopolnjevanje, ...

Interaktivni povzetki

- ❖ Uporabni na koncu video posnetkov, predstavitev, besedil
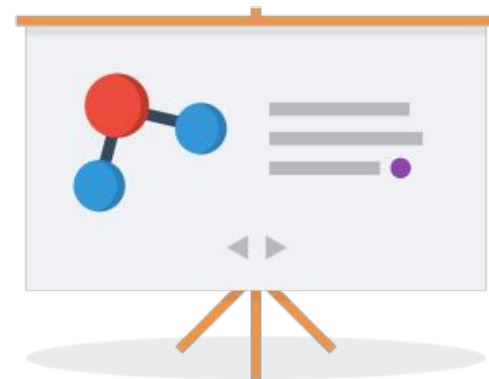- ❖ Utrjujejo znanje

Povleci in spusti

- ❖ Vključimo ga lahko v druge interaktivne vsebine

Interaktivne predstavitve

❖ Dodajamo besedila, tabele, slikovno gradivo, video vsebine, ...

❖ Dopolnimo z interaktivnimi vsebinami: vprašanja, kvizi, ...

Drugi primeri

❖ Hotspot
   http://www.prepare2getahead.co.uk/h5p_understandingSelf.html
❖ Vprašanja z enim pravilnim odgovorom
   http://www.prepare2getahead.co.uk/h5p_jargon.html

Nekatere druge značilnosti H5P

❖ Avtorske pravice in pogoji ponovne rabe določimo v procesu oblikovanja gradiv

❖ Možnost preprostega vgradnje v html strani (html strani v Moodlu)

❖ Deljenje gradiv z drugimi učitelji je preprosto

Nekatere druge značilnosti H5P

❖ H5P ni nujno povezan z redovalnico
❖ Orodje je prijazno do mobilnih aplikacij (ne še v mobilni aplikaciji Moodle)
❖ Oblikovanje je lahko malce nerodno v e-učilnici
❖ Objavljivo tudi v blogih WordPress

Hvala!