

# Final Project Ideas- Round Table

## Brainstorm Resources:

- [Interactive boat. storytelling](#)
  - Scroll,
  - Animated text and movement of the sea
- [Digital Deadly Sins](#)
  - Different Images you can click on, which will take you to a new screen and give you more information
- Animated Infographics
- [Here Be Dragons](#)
  - Stunning Moving Images-
- Ed. Tech
  - [Living Things and where they live](#)- discover simulation
    - Three screens- first with sound and text, second interactive map, click and it tells you more information, third is more text
  - [Energy and Motion](#)
    - As roller coaster travels, pauses to provide information, user must click start each time
  - Financial Literacy
    - [Curriculum](#)
  - [About Hanukkah](#)
    - ScrapBook with images to roll over, which would take you to a new screen and give you more information.
  - Politics Puzzle?
    - Inspiration: [School House Rock 3 Ring Circus](#)
  - [Human Footprint](#)
    - Very interactive story

More Ideas

<http://blog.visme.co/10-mind-blowing-interactive-stories-that-will-change-the-way-you-see-the-world/>

# Idea 1\_Italy

## Concept

- Interactive (via user mouse click & rollover) map of my travels through Italy (Milan, Cinque Terre, Florence, Montepulciano, Napoli)
- Each city unveils
  - A regional dish or drink
  - A site to see
  - A Love quote

## Outside Reference:

- Inspiration
    - “Eat, Pray, Love” by Elizabeth Gilbert---> more of “eat, see, love”
  - Similar Programs
    - [Interactive Map of Italy](#)
    - [Digital Deadly Sins](#)
    - [Nat Geo Map Maker](#)
    - [Wired Article on Tableau](#)
      - [Tableau](#)- Software that allows you to create an interactive map
    - [Leaflet](#)- Javascript Library for mobile-friendly interactive maps
    - [BatchGeo](#)- Interactive Map Creator
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# Idea 2\_Education\_Financial Literacy

## Concept

- Interactive lesson on financial literacy geared towards high school students
- Basic information on:
  - Banking- Debit Card, ATMs, Savings, Checking
  - Credit & Credit Cards
  - Investments and Loans
  - Taxes

## Outside Reference:

### Background:

- Financial Literacy [Curriculum](#)
- Schoolhouse Rock\_
  - [Dollars and Sense](#)
  - [Tax Man Max](#)
  - [Where Money Goes](#)

## Similar Programs

- [Gen i](#)- Financial Literacy Game
- [Financial Football](#) \*\* Must answer a financial Literacy Question for each play
- [Cash Puzzler](#)
  - Put scrambled money back together and get a “fun fact”

- [More Financial Literacy Games](#)
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## Idea3\_Education\_Physics Formulas

Concept

- Interactive Formula sheet
- Essential Formulas, gives you background when you roll over them, when you click on it, it shows a “real world example” and how to use the formula in context

Outside Reference:

Background:

- [Regents Physics Reference Sheet](#)
- [Physics Classroom Solving Equations](#)

Similar Programs

- [PhET Simulations](#)
  - [Physics Simulations](#)
  - [Physics Classroom Interactives](#)
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## Idea4\_Physical Computing

Concept:

- ~~Arduino Data log of GreenHouse~~
- ~~Arduino circuit gathers information about Date, Time, Temperature & Humidity of school greenhouse~~

Outside Reference

Background:

- ~~[Using SD Card](#)~~
- ~~[Code Walkthrough of Datalogger](#)~~

Similar Programs:

- ~~[Data Logger Project](#)~~
- ~~[Data Logger for Beginners](#)~~
- ~~[Project Hub - Circuitry & Source Code](#)~~
- ~~[Temp Data Logger](#)~~

Artist:

- ~~[Zach Gage - Hit Counter](#)~~

Concept:

- Arduino & LCD screen scrolling text
- Places “Fake News” any tweet by Trump
- Relies on Circuitry & Wiring, Code, APIs & JSON

Outside Reference:

- [Arduino LCD Scroll Display Code](#)
- [Trump's Twitter](#)

Similar Programs:

- [Arduino LCD Twitter Display](#)
- [Wifi Twitter Display](#)
- [Tweetbox using TEMBOO](#)

Artists:

- Zach Gage
  - [Best Day Ever](#)
    - [Twitter](#)