

Stop Motion

Slow Motion



Motion Defined

Stop Motion

- Animation technique where objects appear to move on their own
- Objects are **moved in small increments** with **photo taken** of each movement
- Result is the illusion of movement

Slow Motion

- Video effect where time is slowed down
- Each frame is video recorded at a **fast rate**
- When **replayed at normal speed**, time appears to be slowed down (**time lapse**)

Time *and* Motion TEKS

- **Demonstrate and illustrate** forces that affect **motion** in everyday life
- **Compare** **patterns of movement** of objects such as sliding, rolling, and spinning
- **Trace** **changes in position** of an object over time such as a cup rolling on the floor
- **Observe** **ways that objects move** – straight line, zigzag, up and down, back and forth
- **Describe** **position and motion** of objects

SAMR Model

- Helps teachers integrate technology
- Utilizes technology to transform learning experiences
- Levels of technology integration

Substitution

Augmentation

Modification

Redefinition 

Developed by Dr. Ruben Puentedura - <http://www.hippasus.com>

Time *and* Motion Apps

iMotion HD



Quick Lapse HD



KomaKoma



OSnap! Lite



Lapse It



Tap or left-click on each image
to view and install from iTunes

Recording Activities

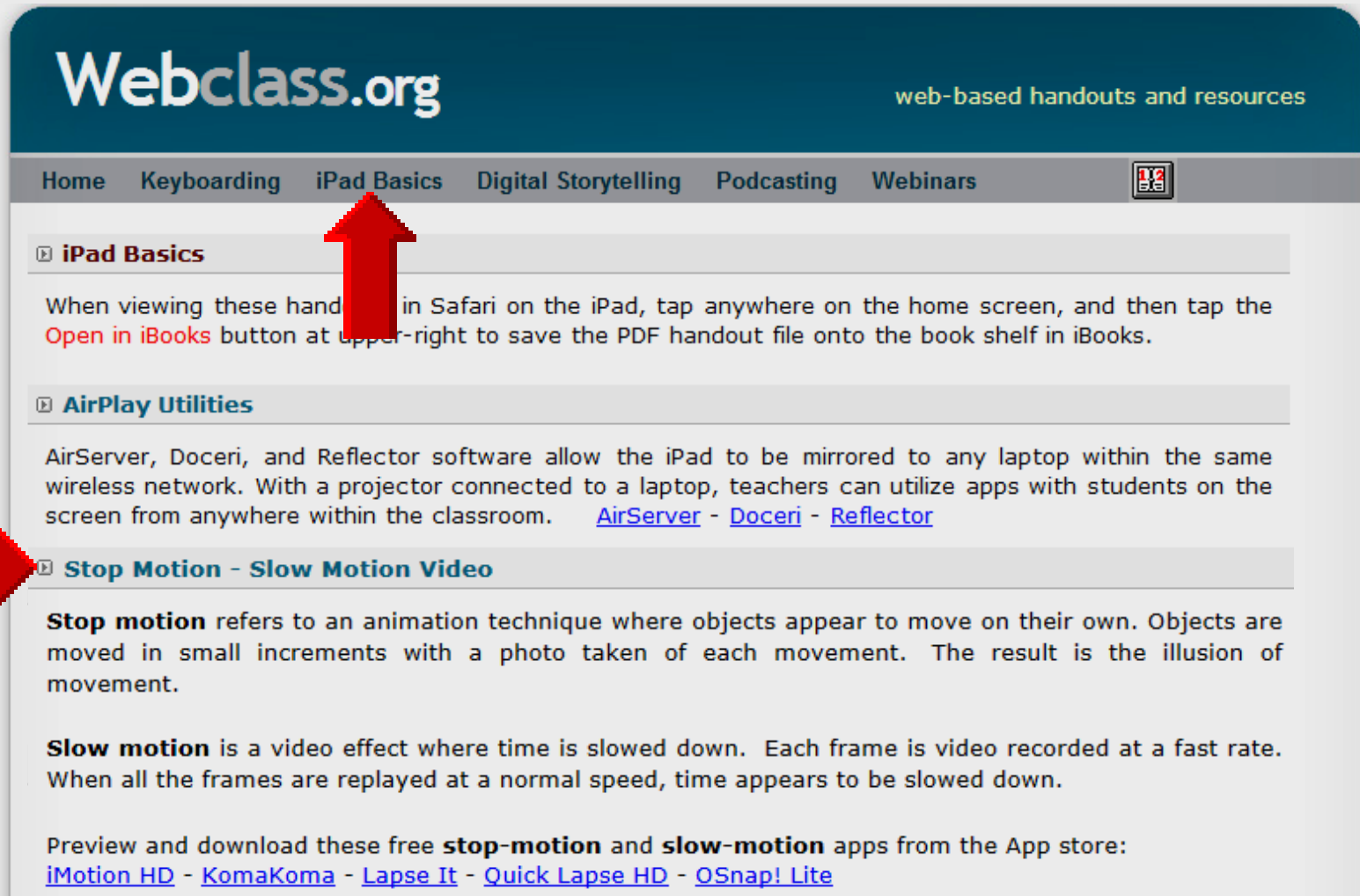
Stop-motion

1. Pencil drawing of the water cycle while recording each phase
2. Metamorphosis process lasting 1-2 weeks
3. Classroom skit with actors moving slowly and/or stopping often in each scene
4. Motion: arm – body – chairs as bus or car

Slow-motion

1. Diffusion of iodine in a breaker
2. Weather changes during school day
3. Students walking in hallway or up/down stairs

Online Handouts



The screenshot shows the Webclass.org website. The header is dark blue with the logo 'Webclass.org' and the tagline 'web-based handouts and resources'. A navigation bar below the header contains links: Home, Keyboarding, iPad Basics, Digital Storytelling, Podcasting, and Webinars. A red arrow points to the 'iPad Basics' link. Below the navigation bar, there are three main content sections, each with a title and a description. The first section is 'iPad Basics', which describes how to save PDF handouts to the iBooks app. The second section is 'AirPlay Utilities', which describes software for mirroring an iPad to a laptop. The third section is 'Stop Motion - Slow Motion Video', which describes animation techniques. A red arrow points to the 'Stop Motion - Slow Motion Video' section. The text in the 'Stop Motion - Slow Motion Video' section includes definitions for 'Stop motion' and 'Slow motion', and a list of free apps available on the App Store.

Webclass.org web-based handouts and resources

Home Keyboarding **iPad Basics** Digital Storytelling Podcasting Webinars

iPad Basics

When viewing these handouts in Safari on the iPad, tap anywhere on the home screen, and then tap the **Open in iBooks** button at upper-right to save the PDF handout file onto the book shelf in iBooks.

AirPlay Utilities

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Stop Motion - Slow Motion Video

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Slow motion is a video effect where time is slowed down. Each frame is video recorded at a fast rate. When all the frames are replayed at a normal speed, time appears to be slowed down.

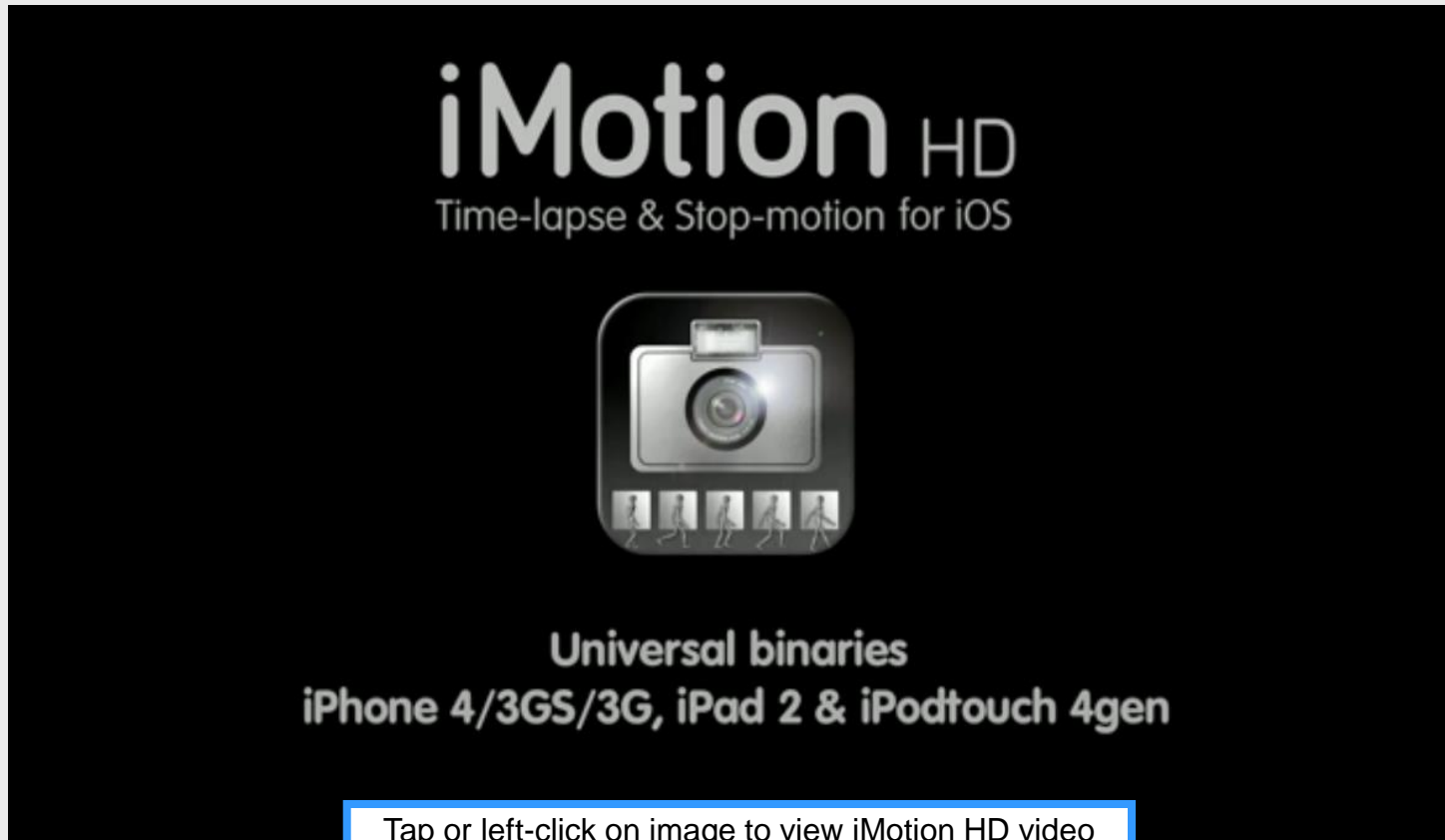
Preview and download these free **stop-motion** and **slow-motion** apps from the App store:
[iMotion HD](#) - [KomaKoma](#) - [Lapse It](#) - [Quick Lapse HD](#) - [OSnap! Lite](#)

iMotion HD



iMotion HD

An intuitive and powerful app
for **time-lapse** and **stop-motion** video



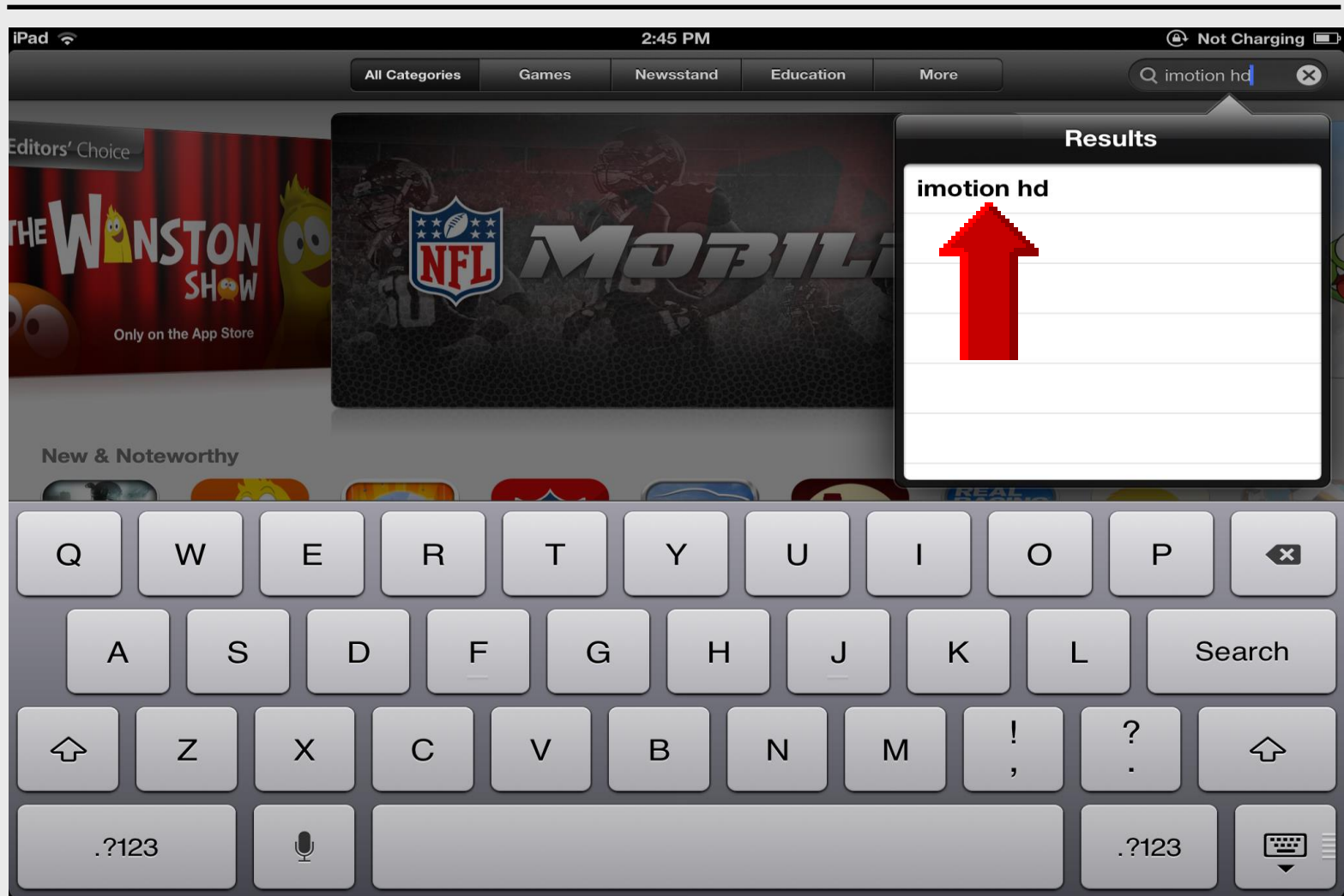
App Store



Featured



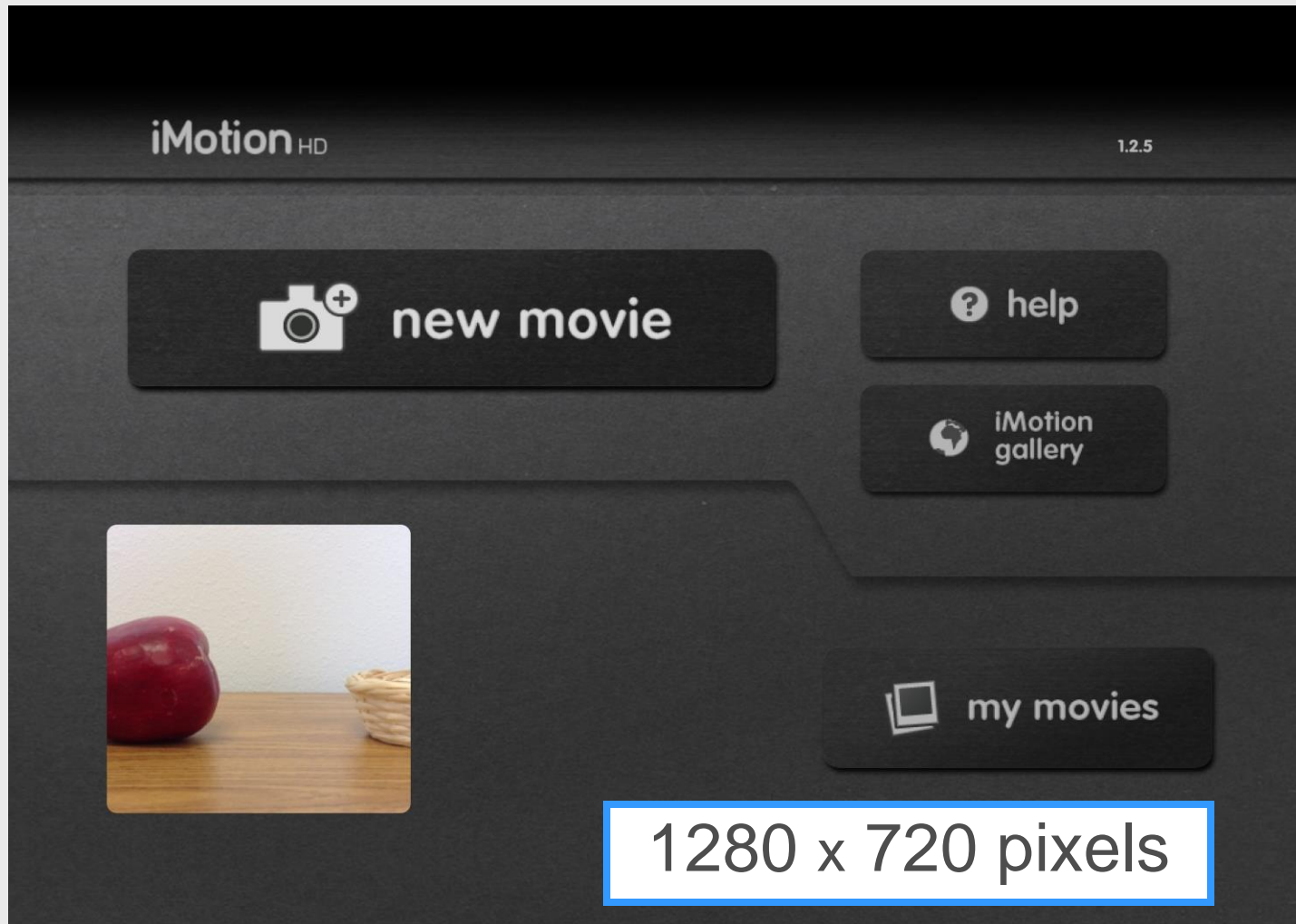
Search *iMotion HD*



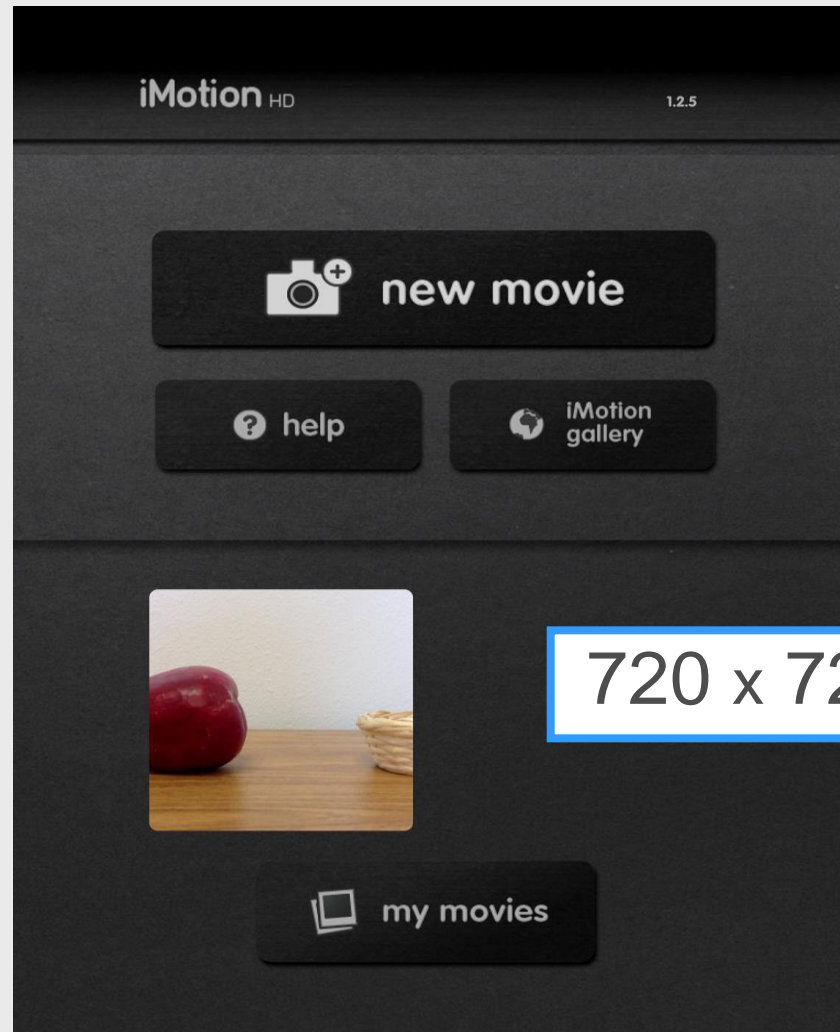
Install iMotion HD



iMotion HD – *Landscape*

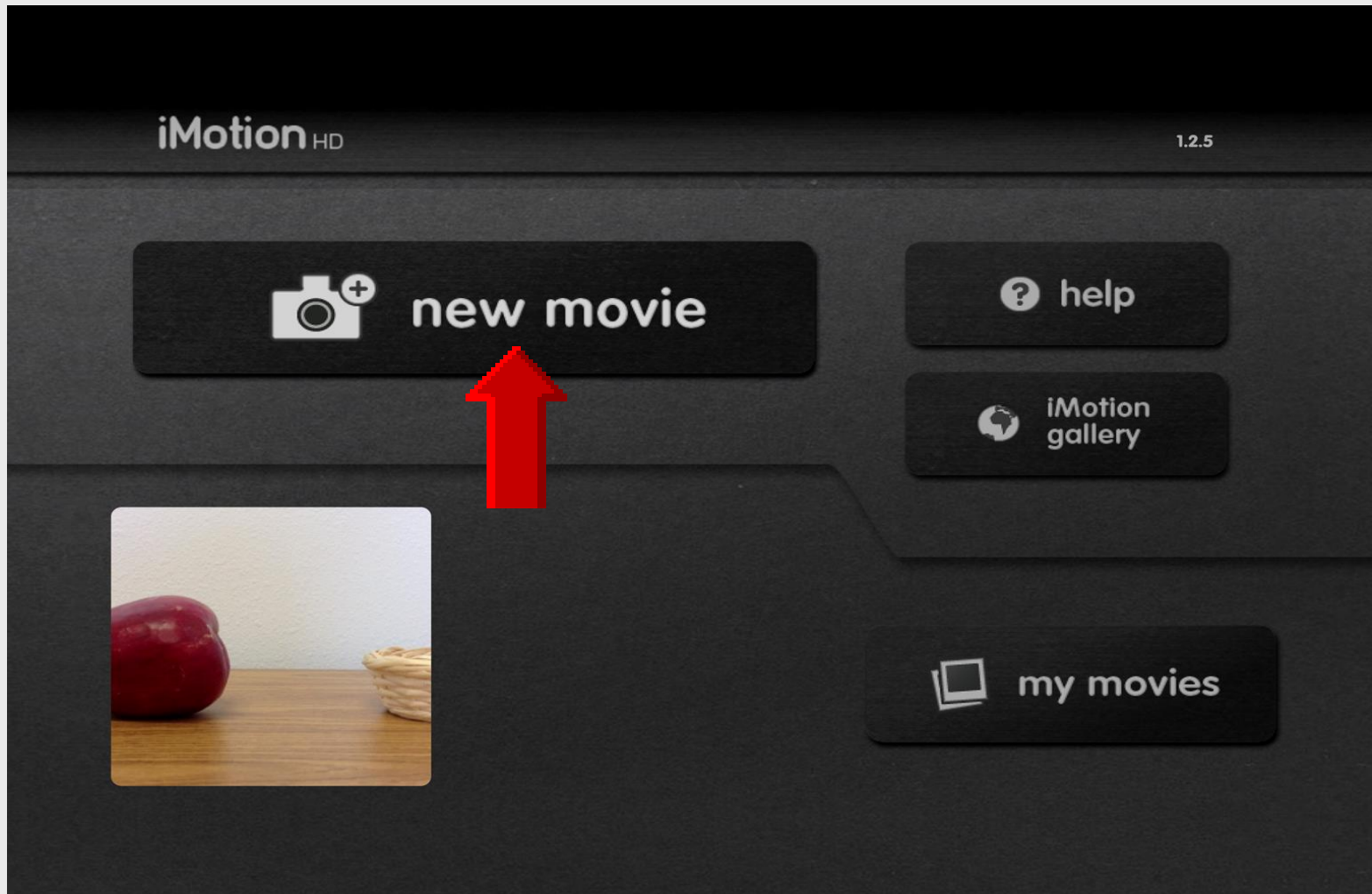


iMotion HD – *Portrait*

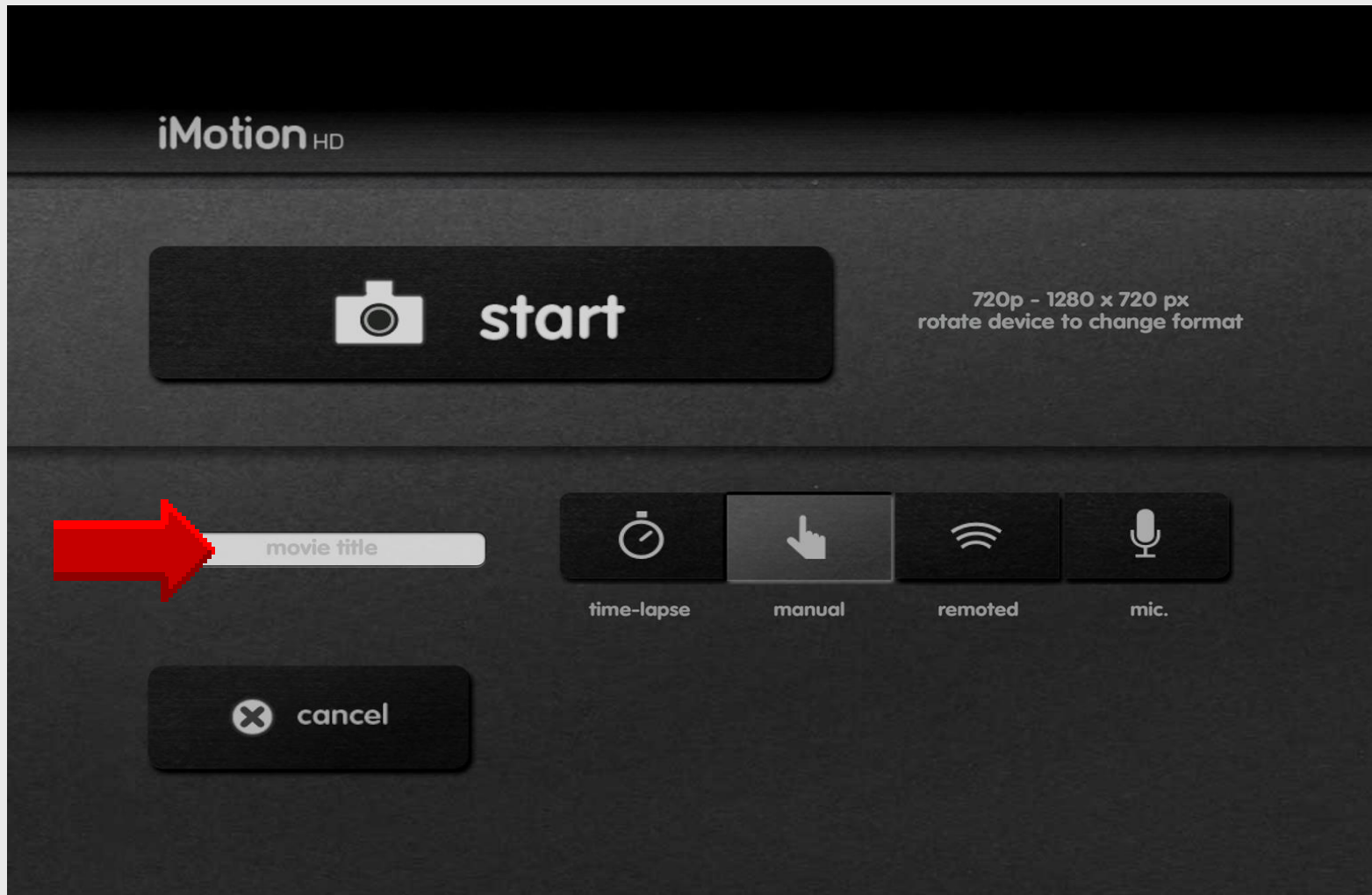


720 x 720 pixels

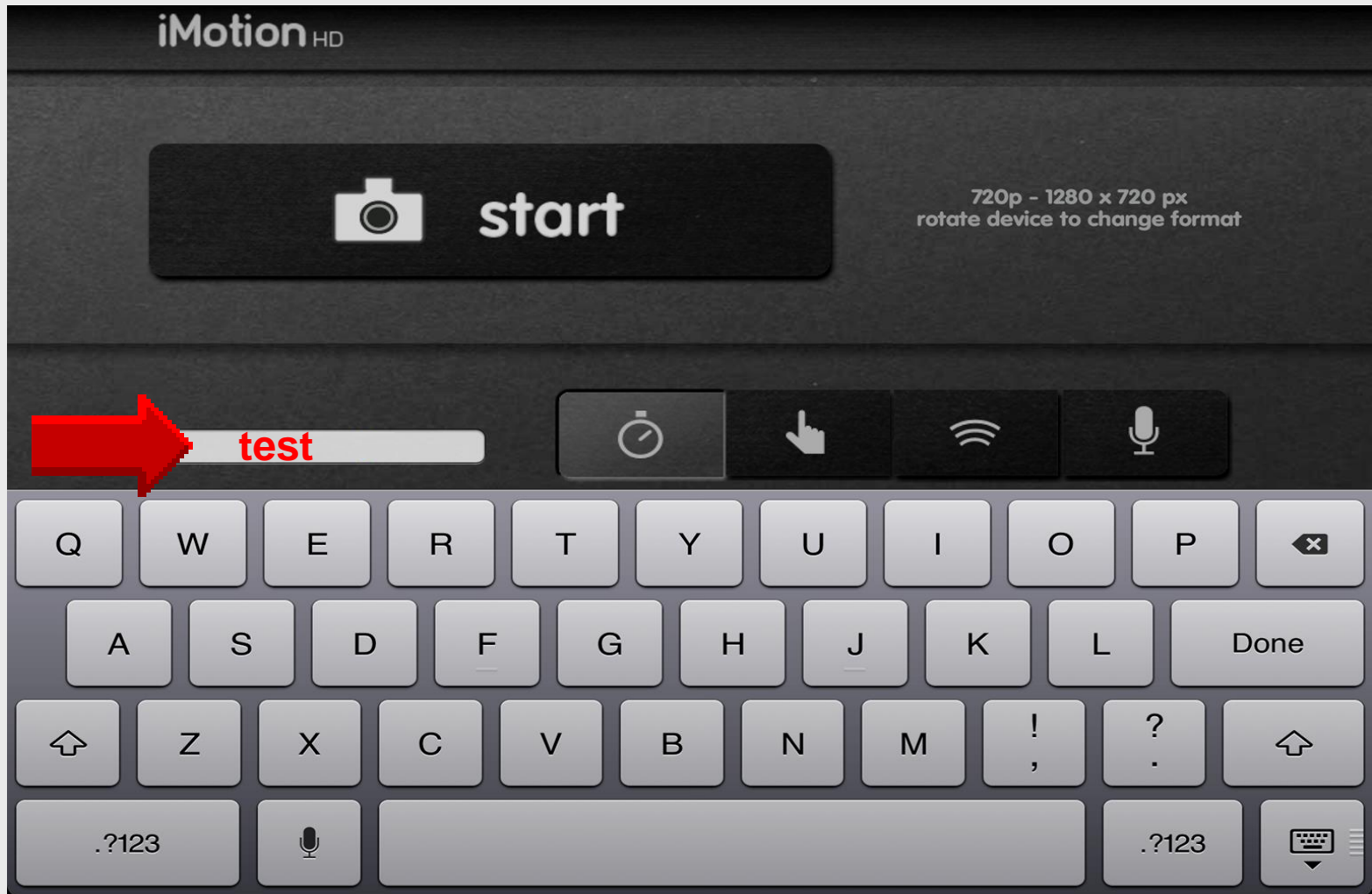
New Movie



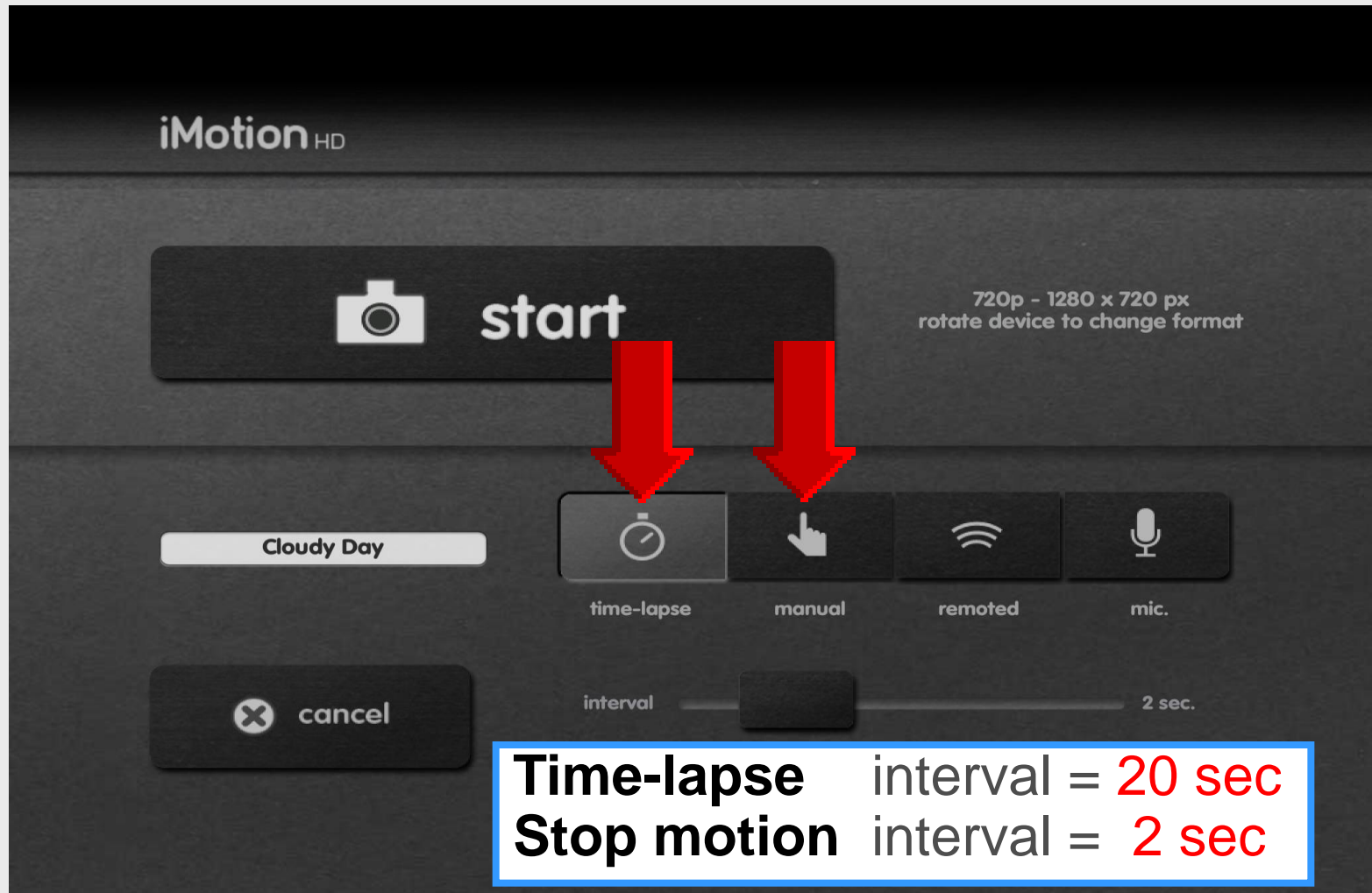
Tap *Movie Title*



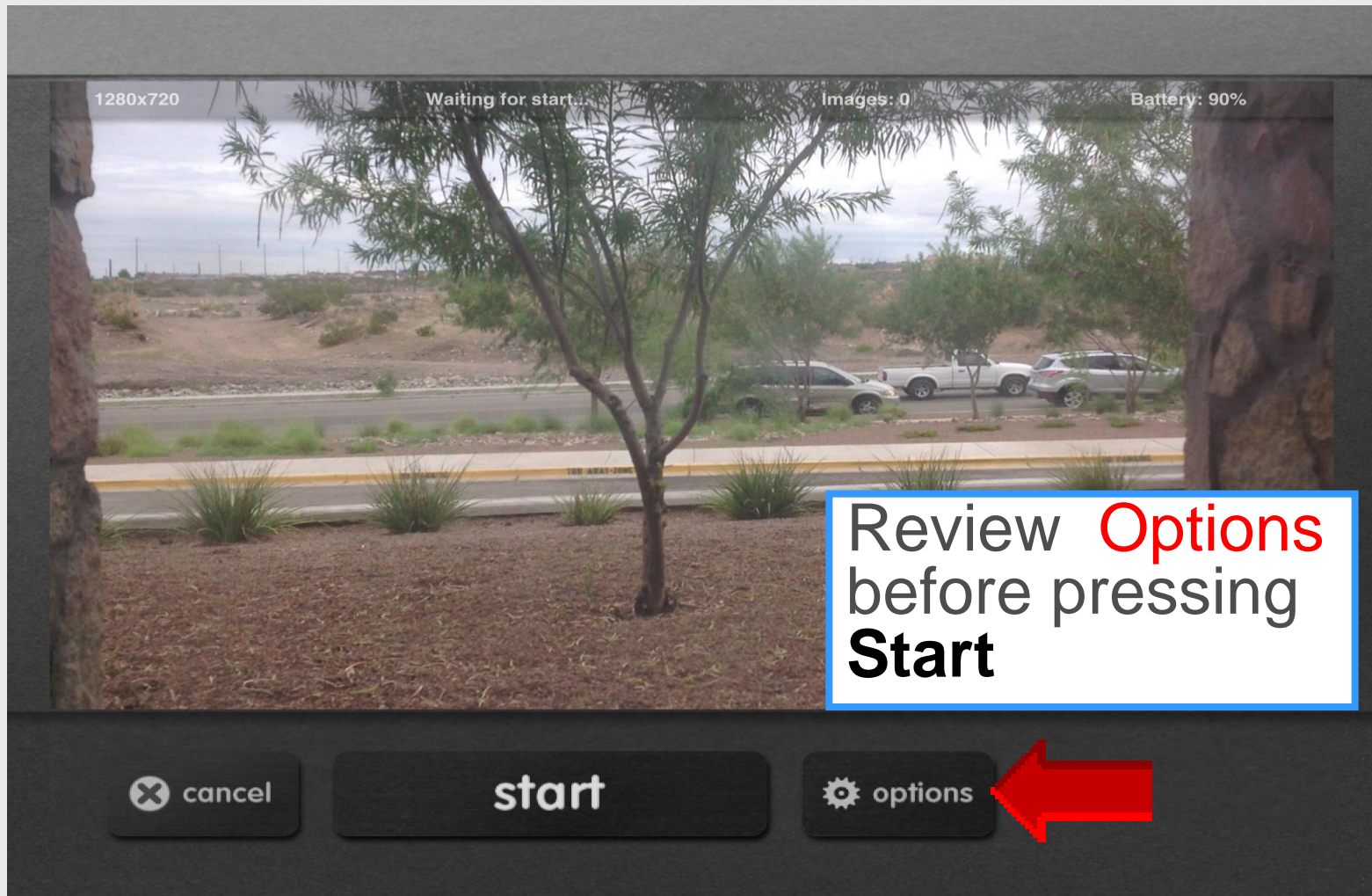
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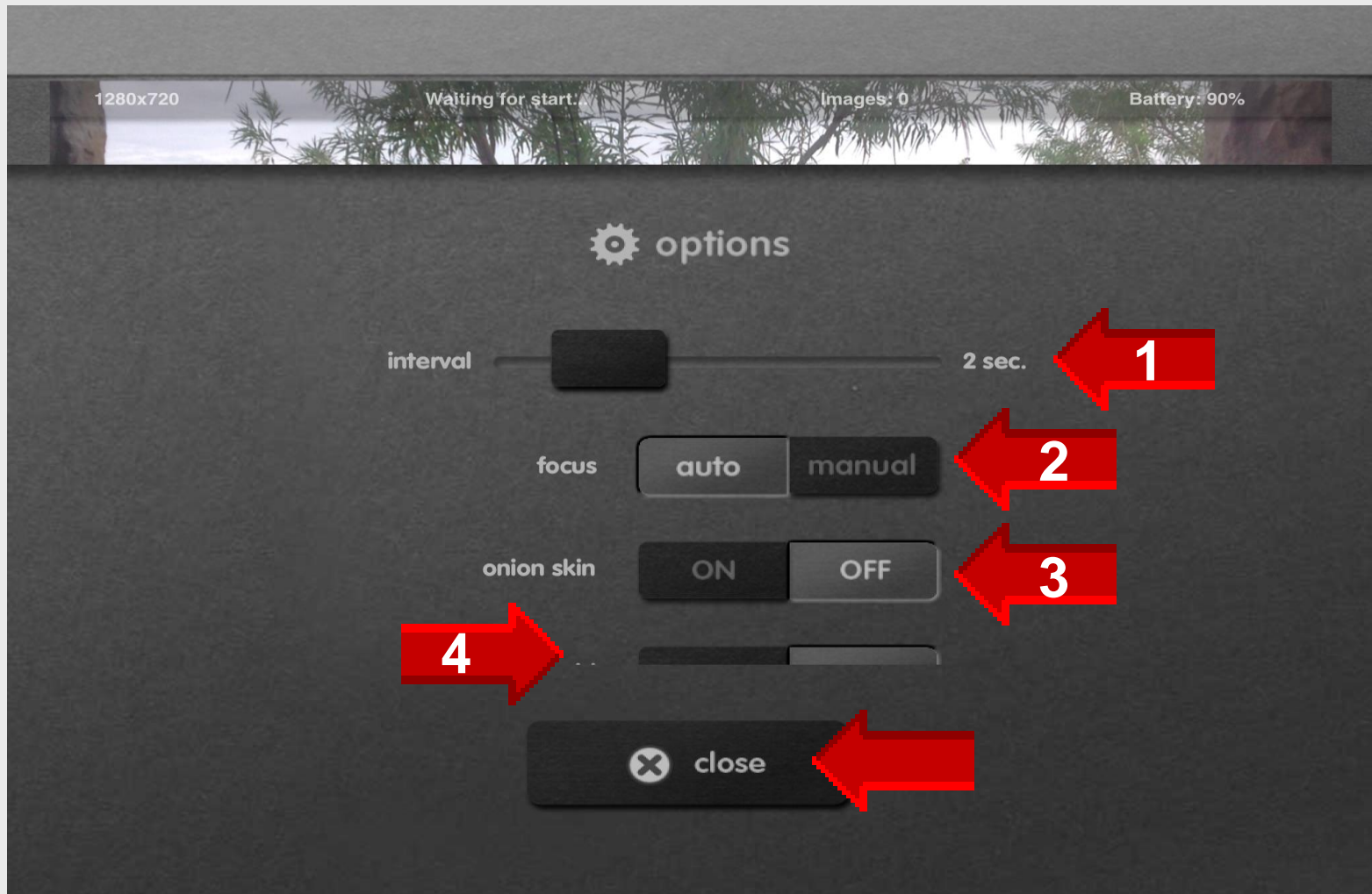
Time-lapse *and* Stop Motion



Options



Options



Export *for* Saving



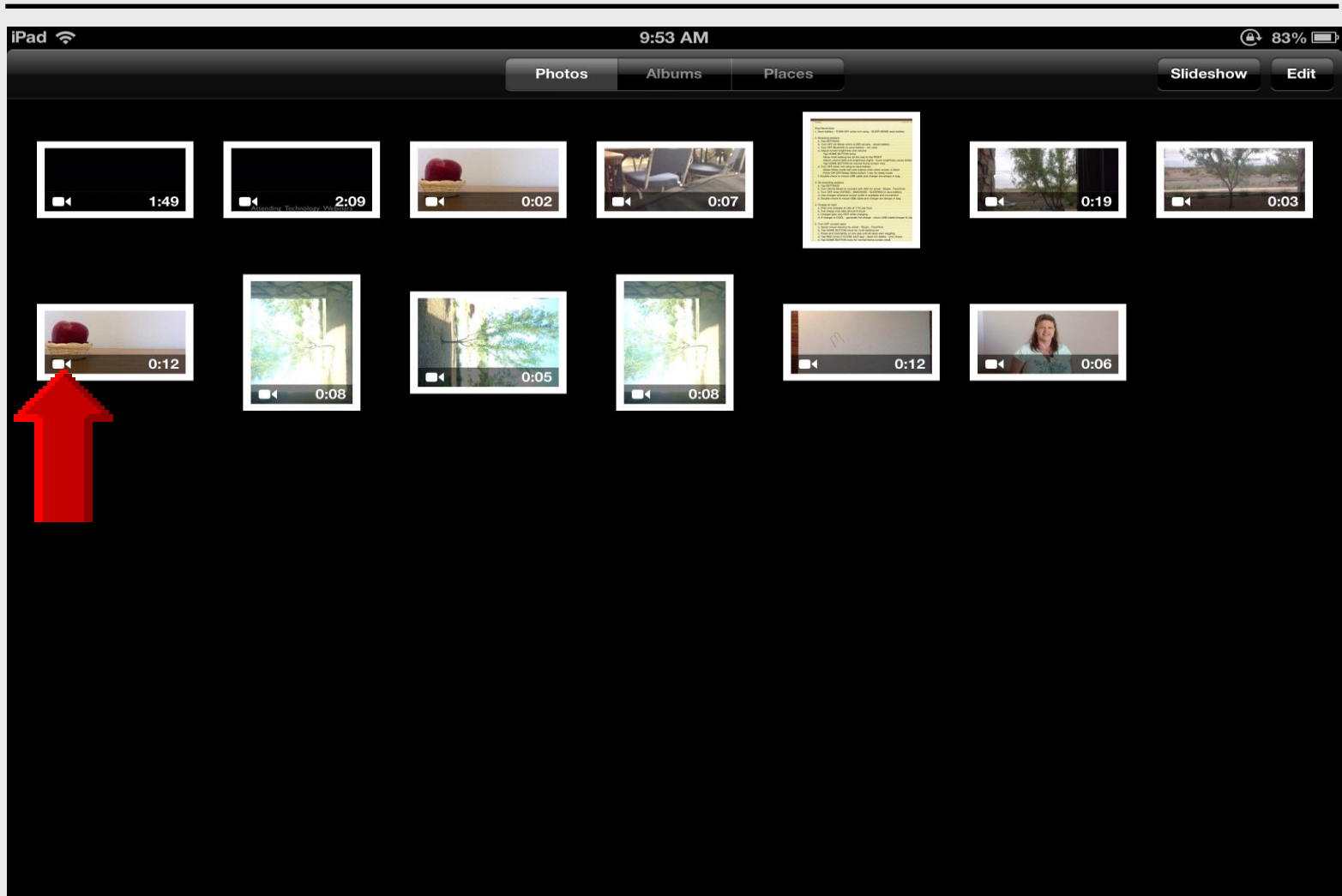
Save Video



Photo Library



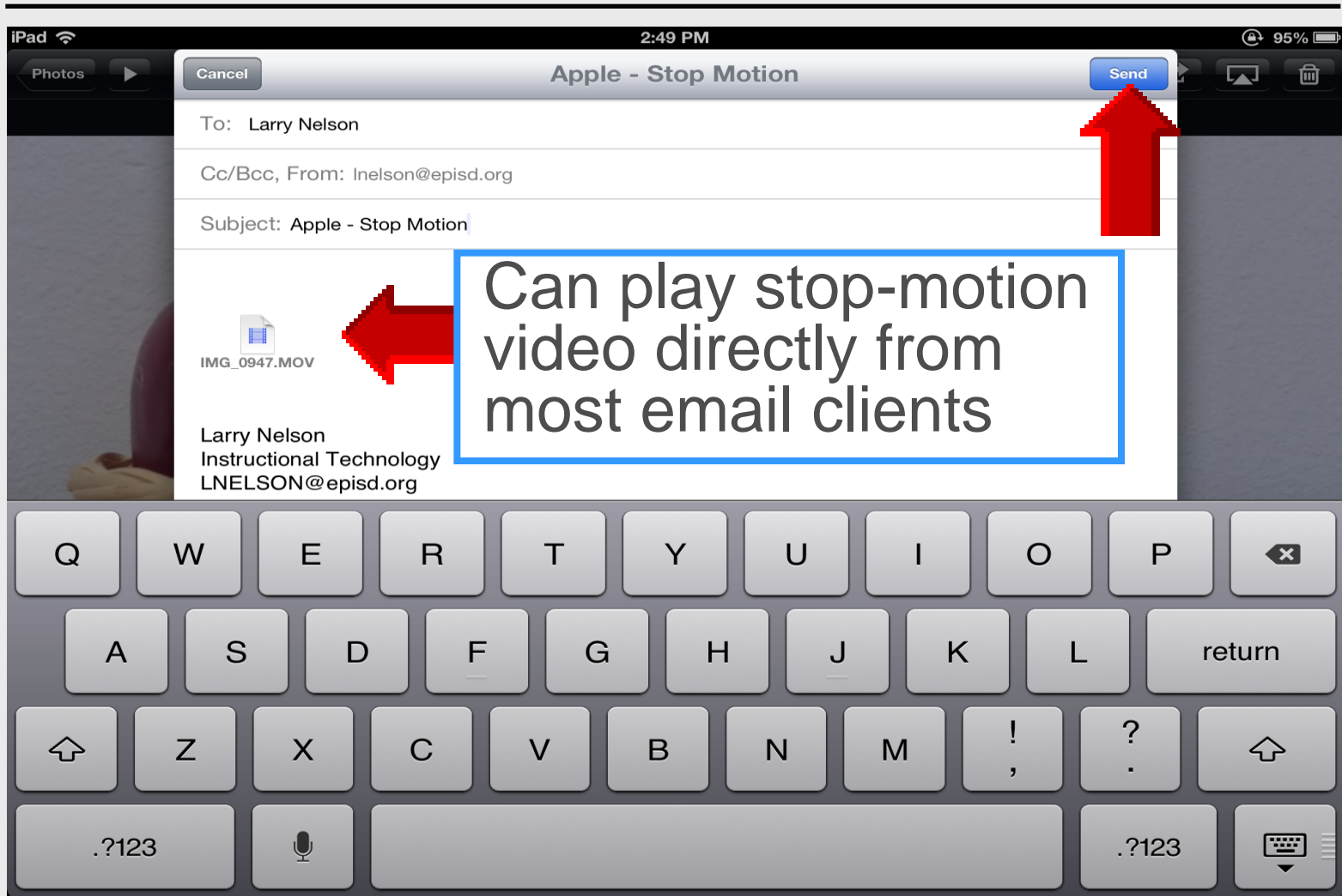
Photo Library



Email Video



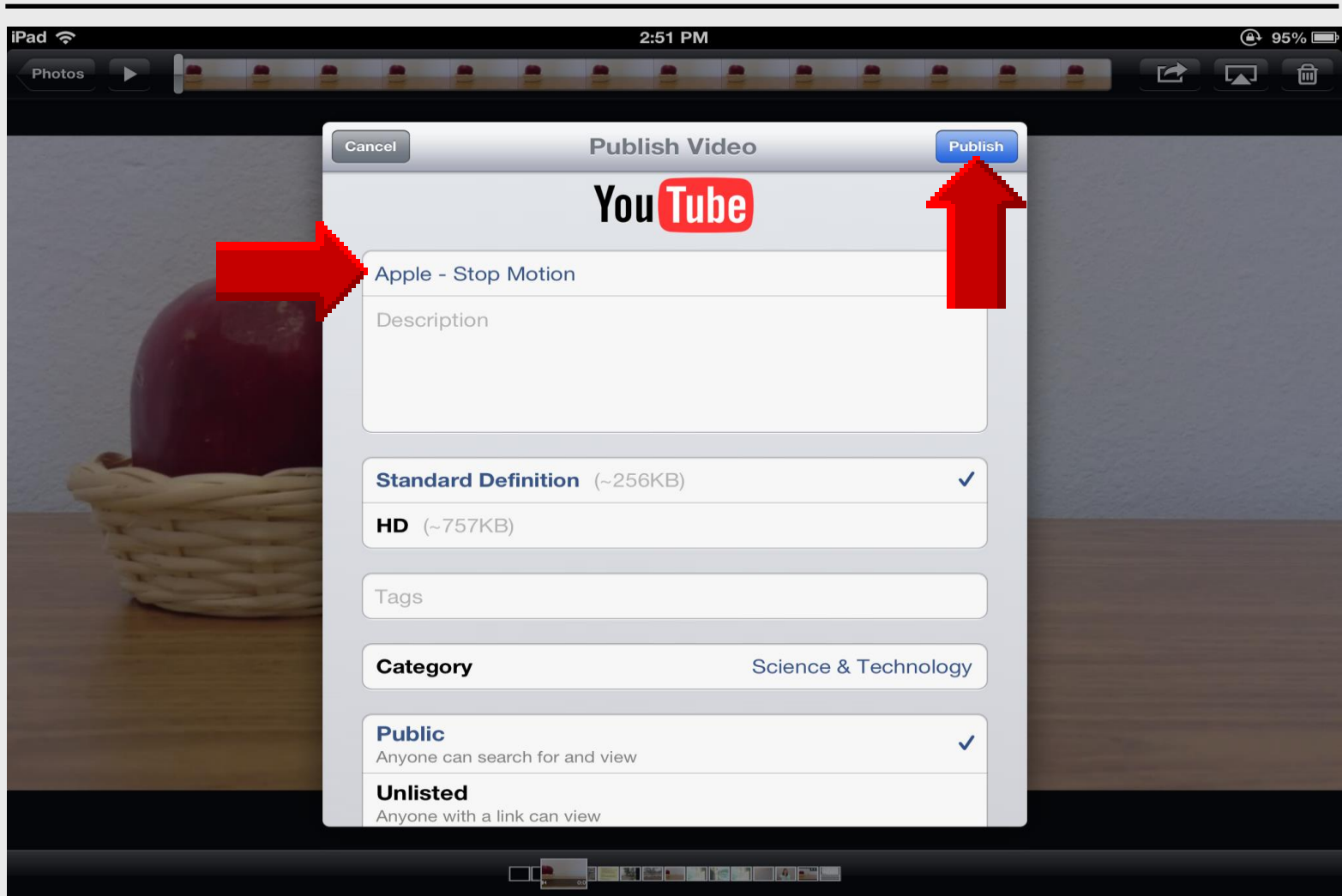
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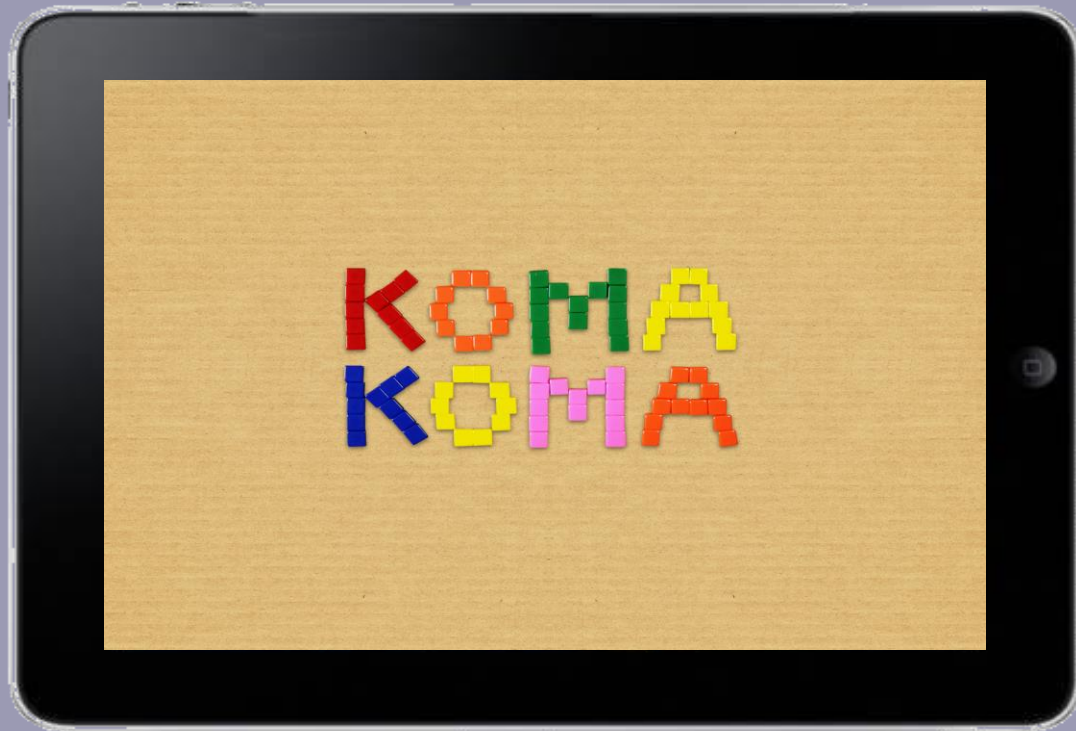
Publish Video



Publish Video

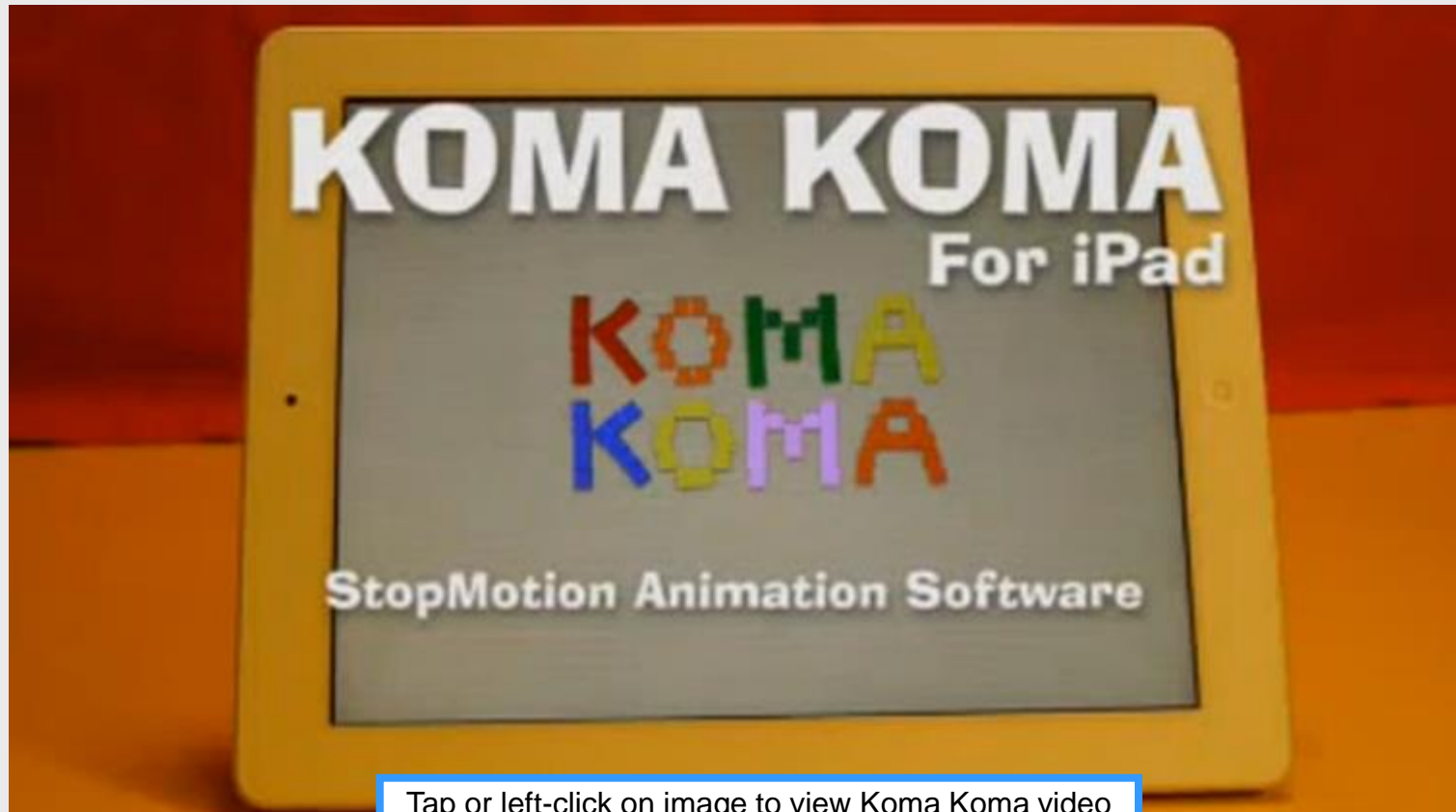


Koma Koma



Koma Koma

Koma means “*frame*” in Japanese
Several frames make video – Koma Koma



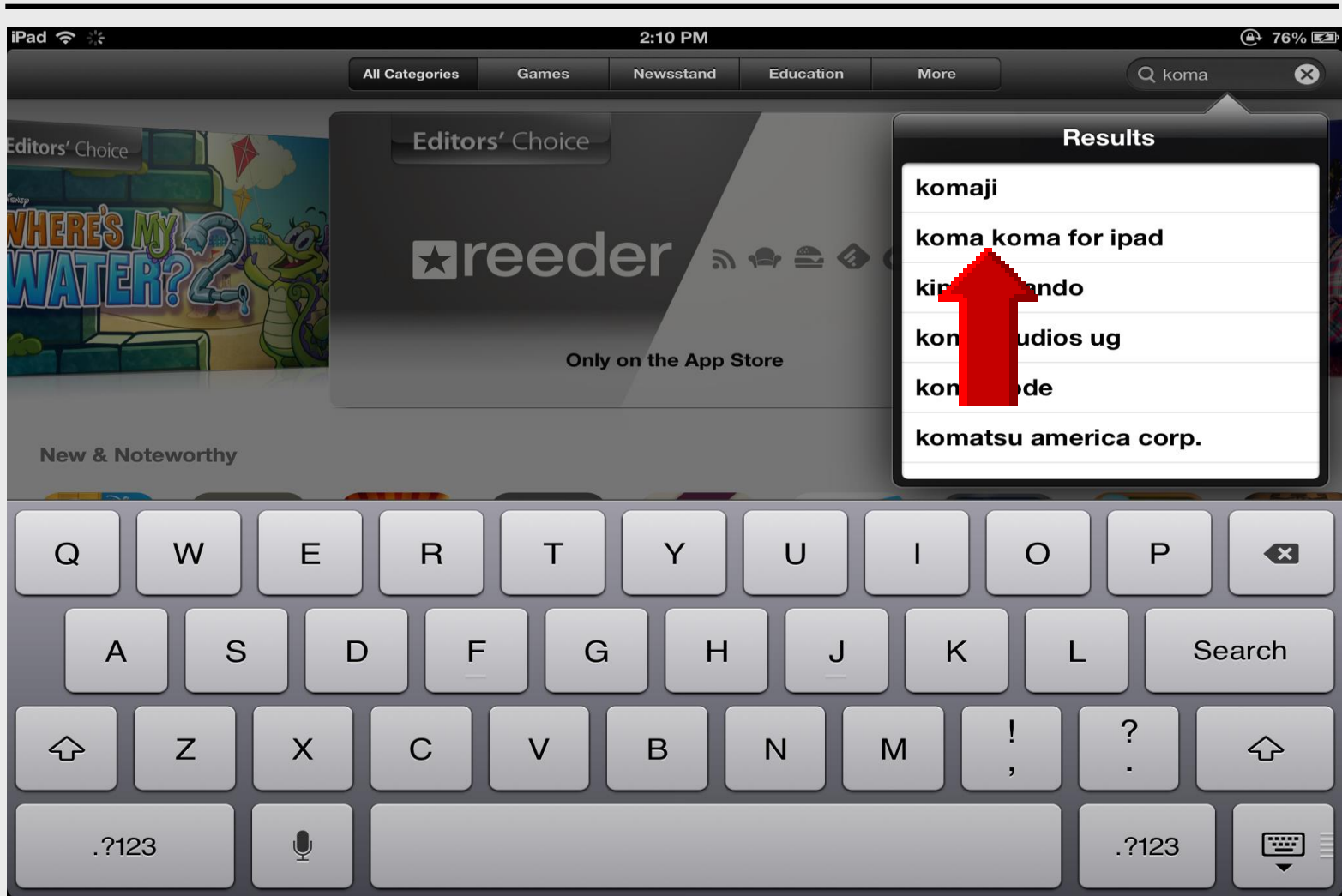
App Store



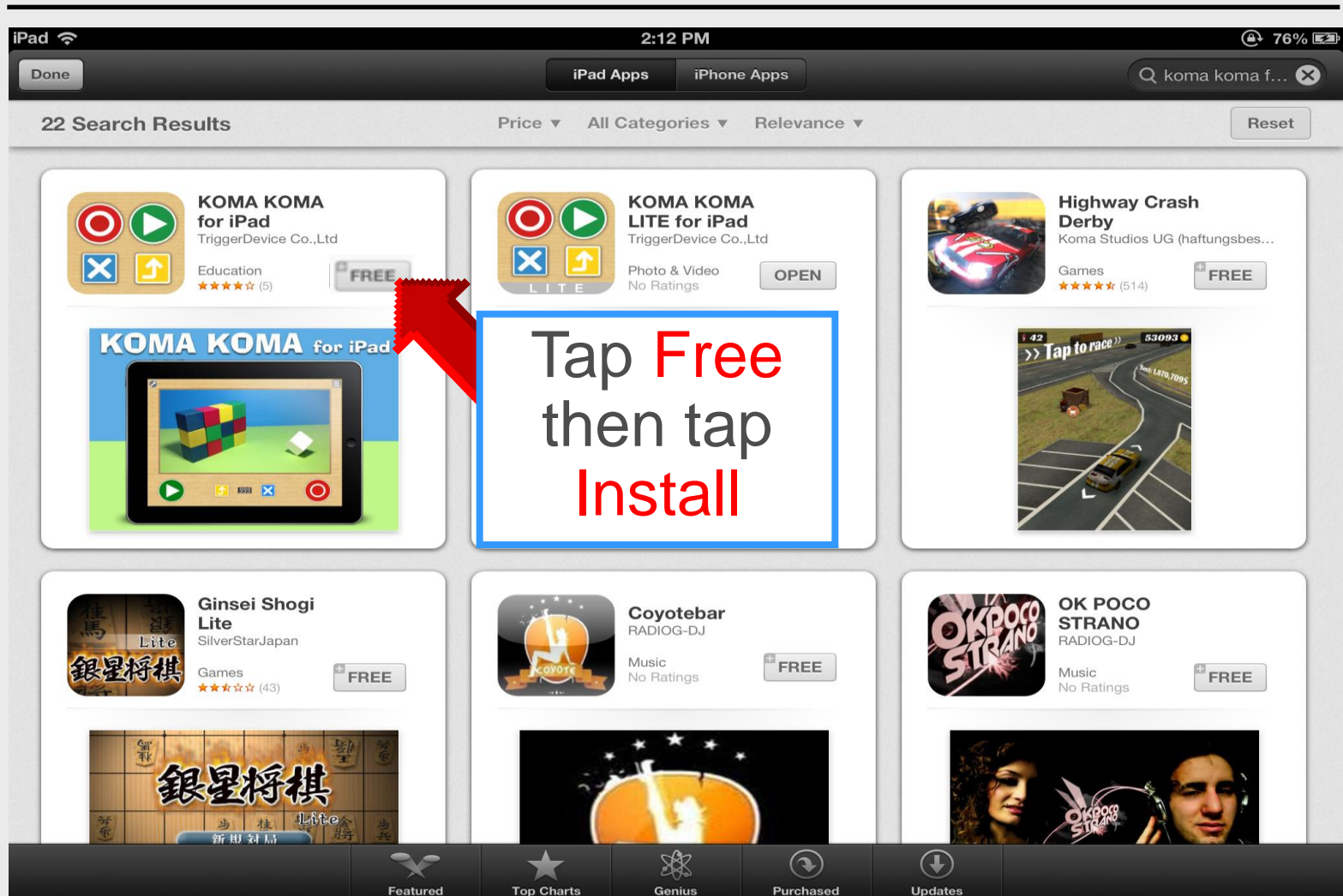
Featured



Search *Koma Koma*



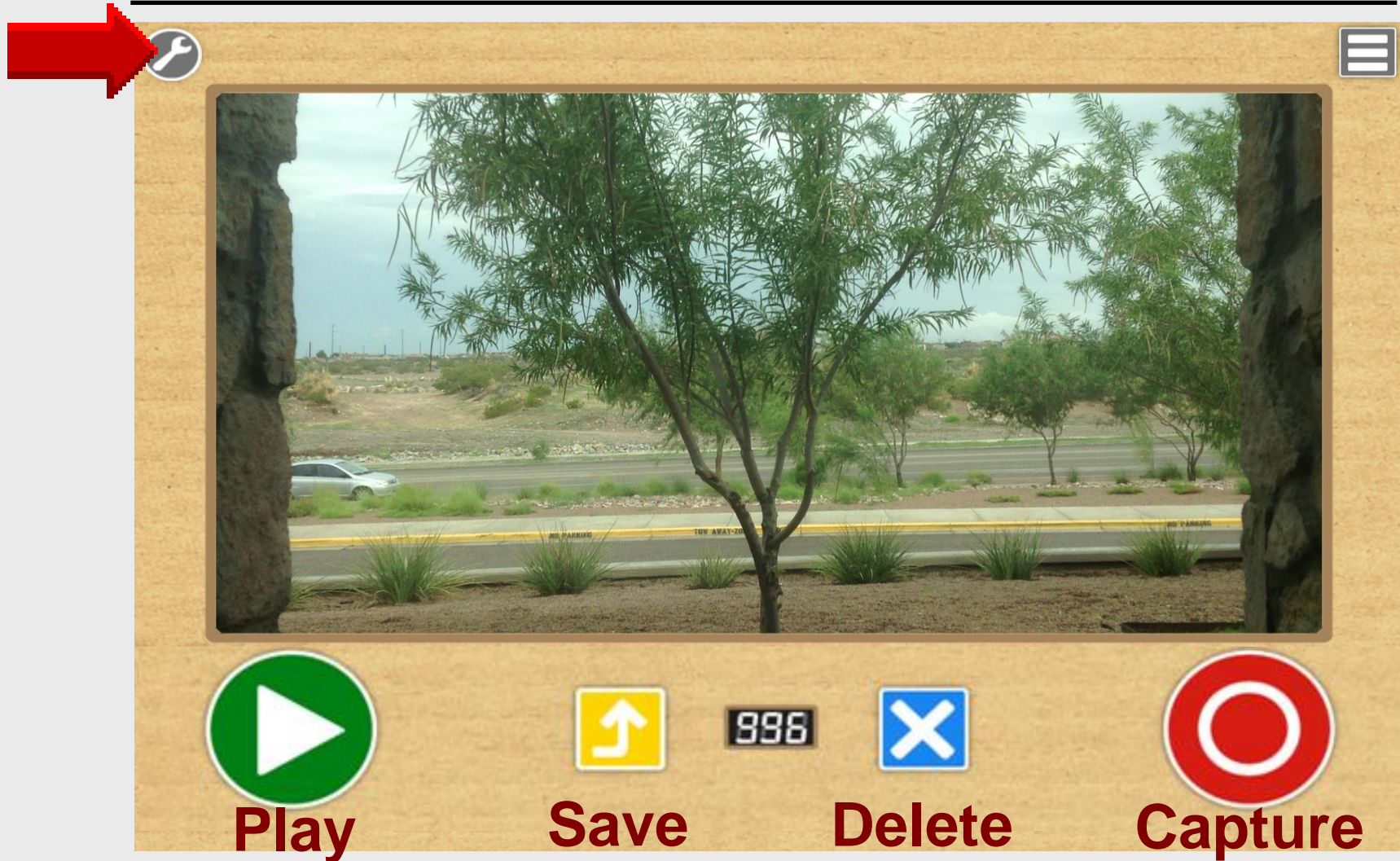
Install KomaKoma



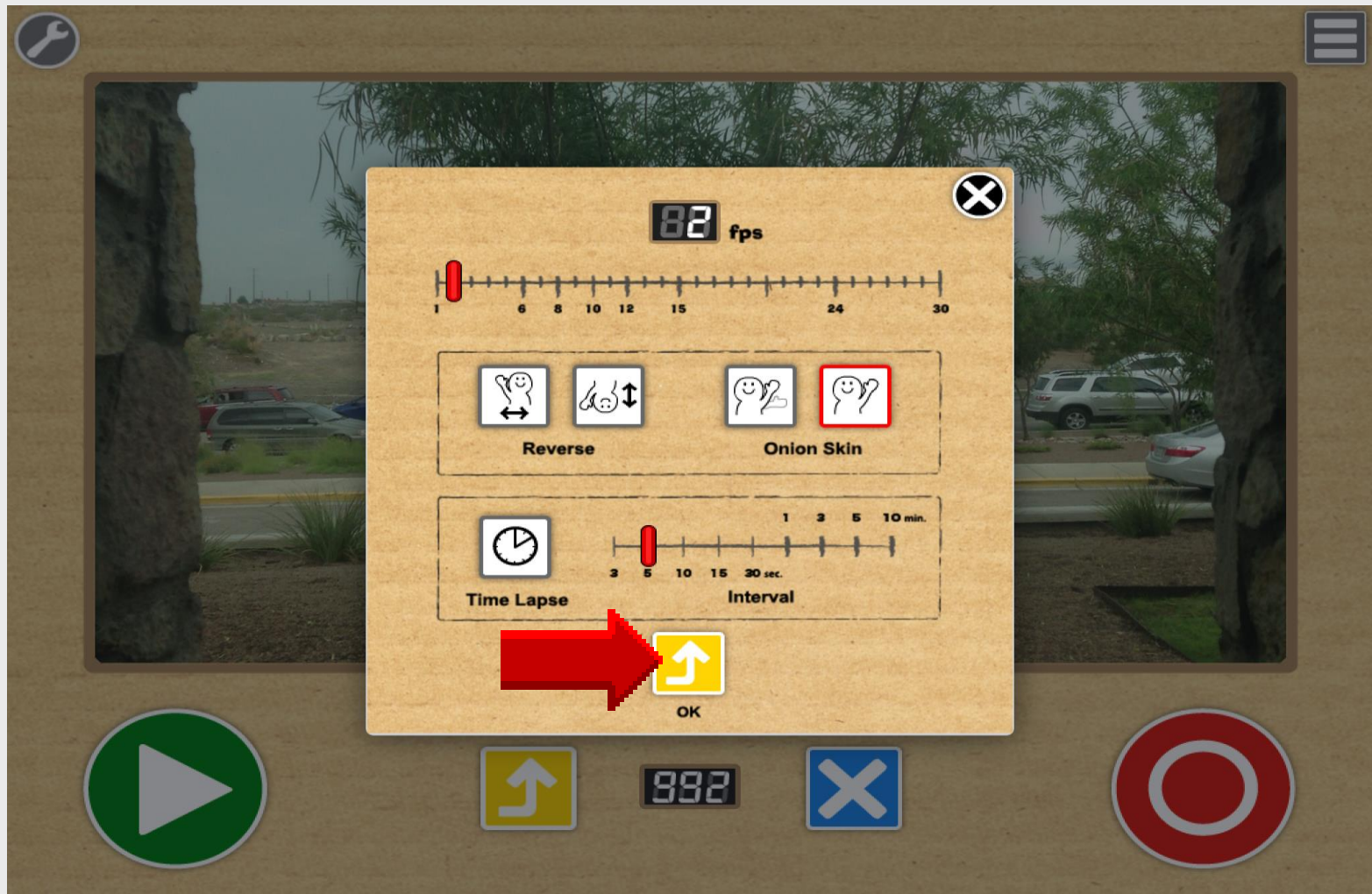
Koma Koma – *Landscape*



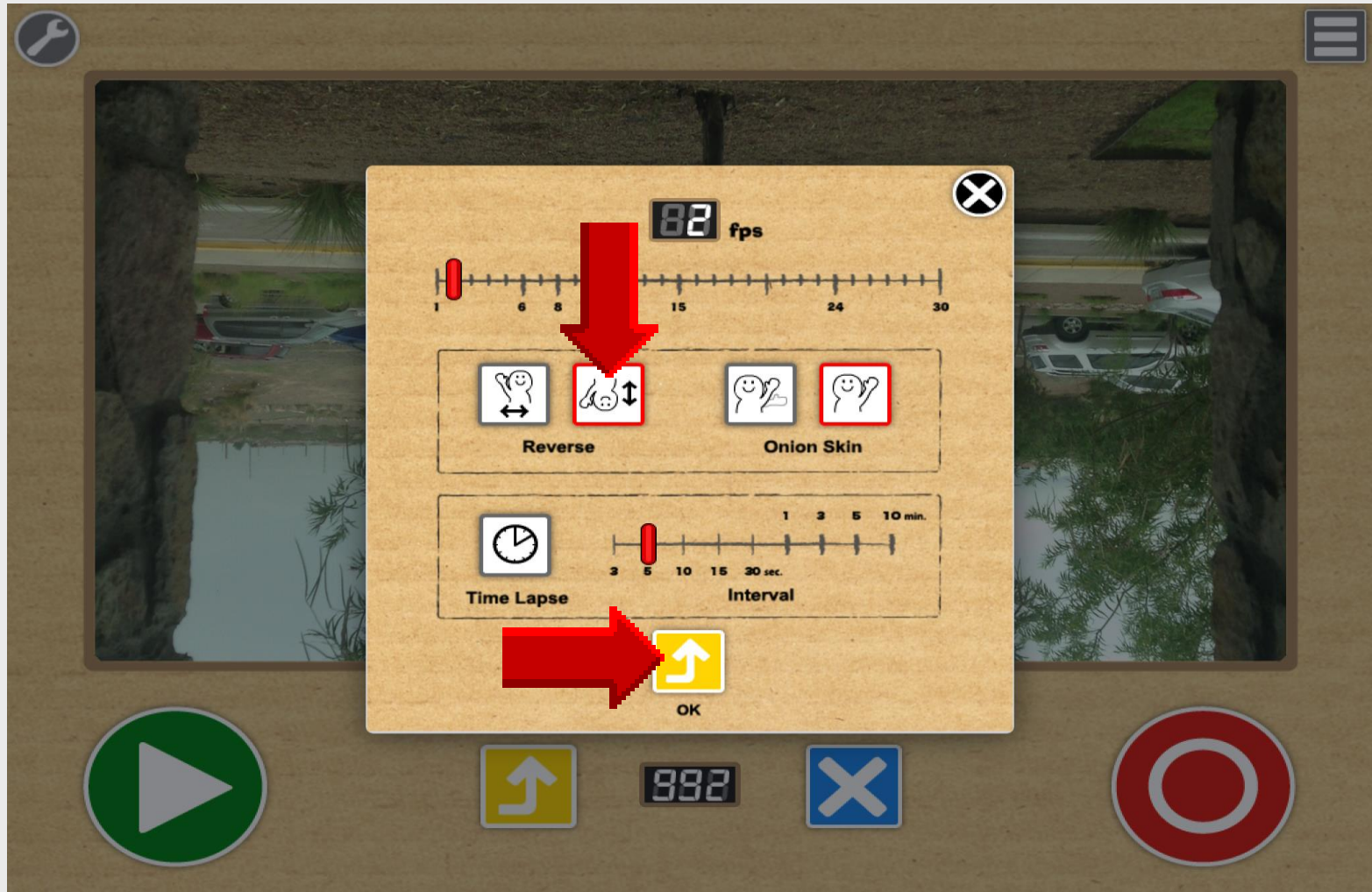
Koma Koma – *Settings*



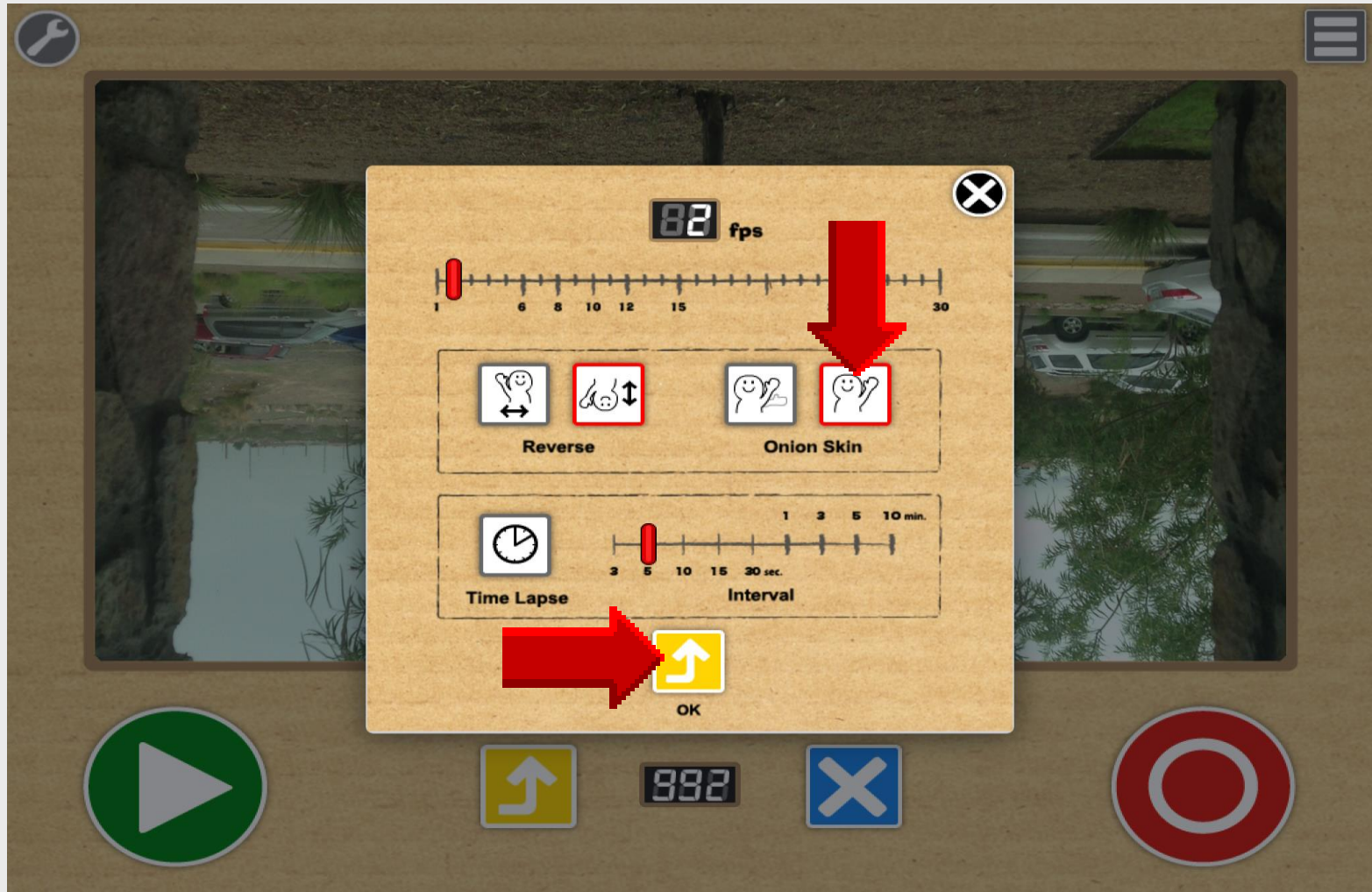
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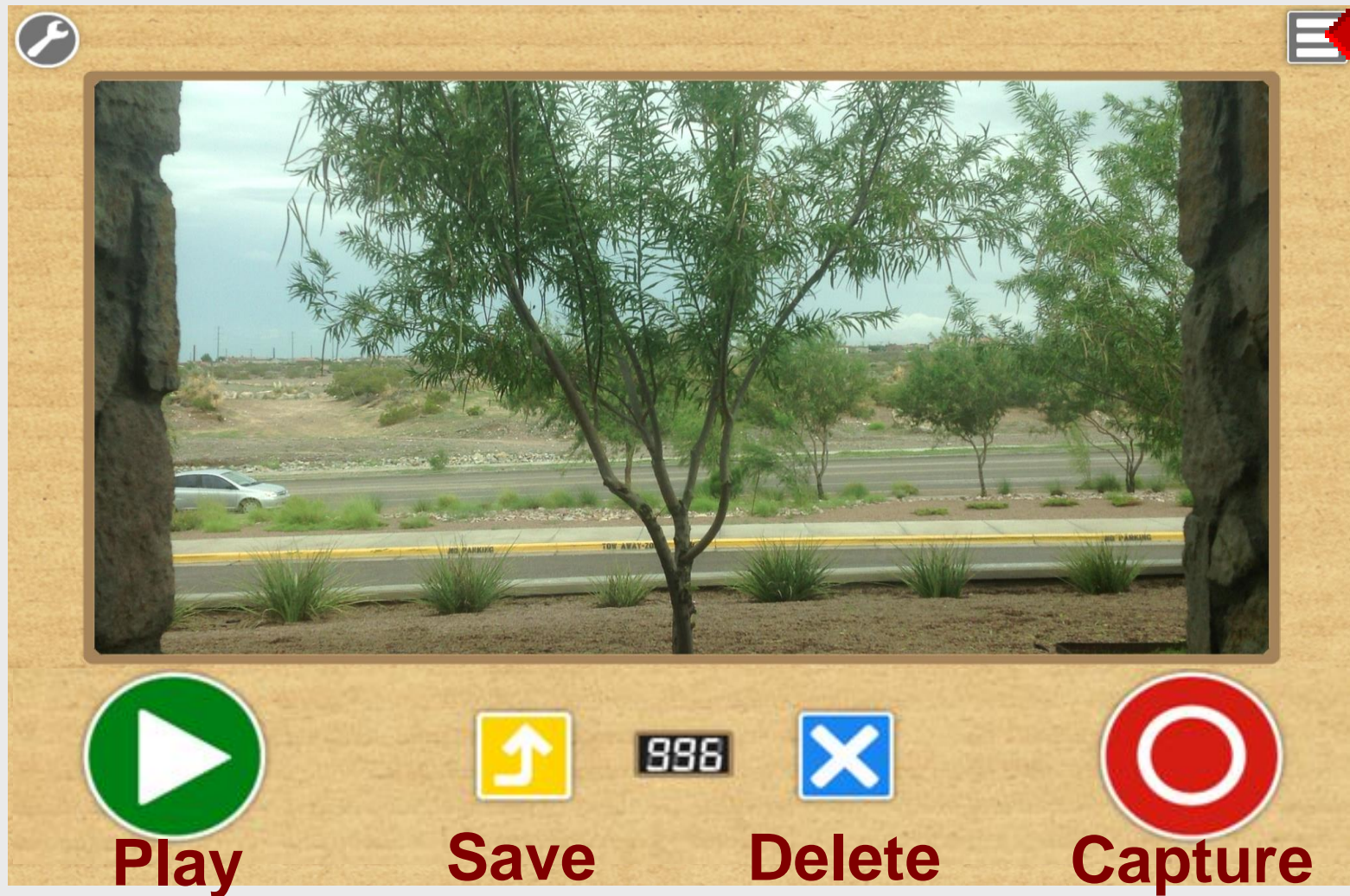
Koma Koma – *Reverse*



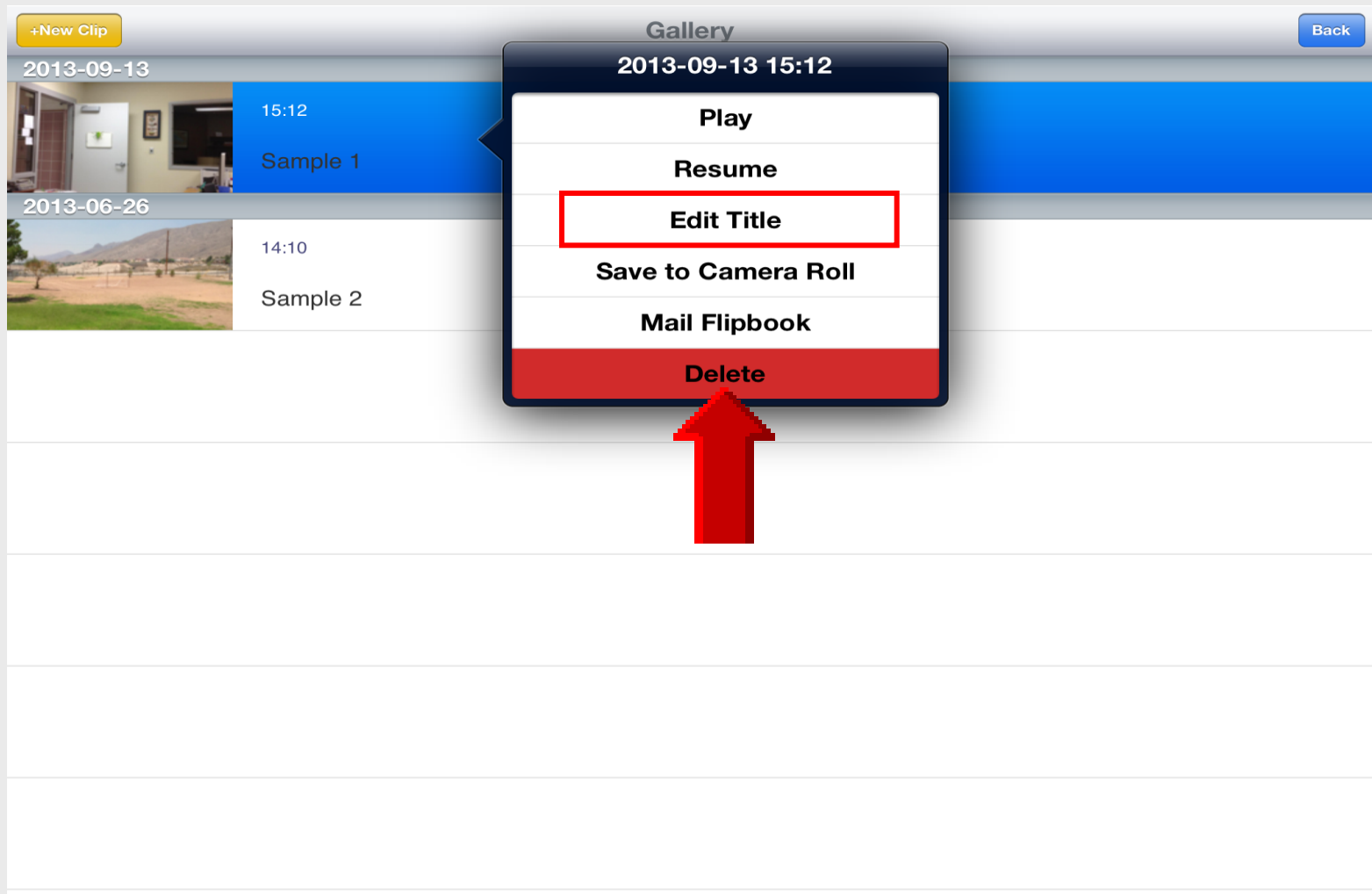
Koma Koma – *Onion Skin*



Koma Koma – *Gallery*



Koma Koma – *Gallery*



Koma Koma – *Gallery*

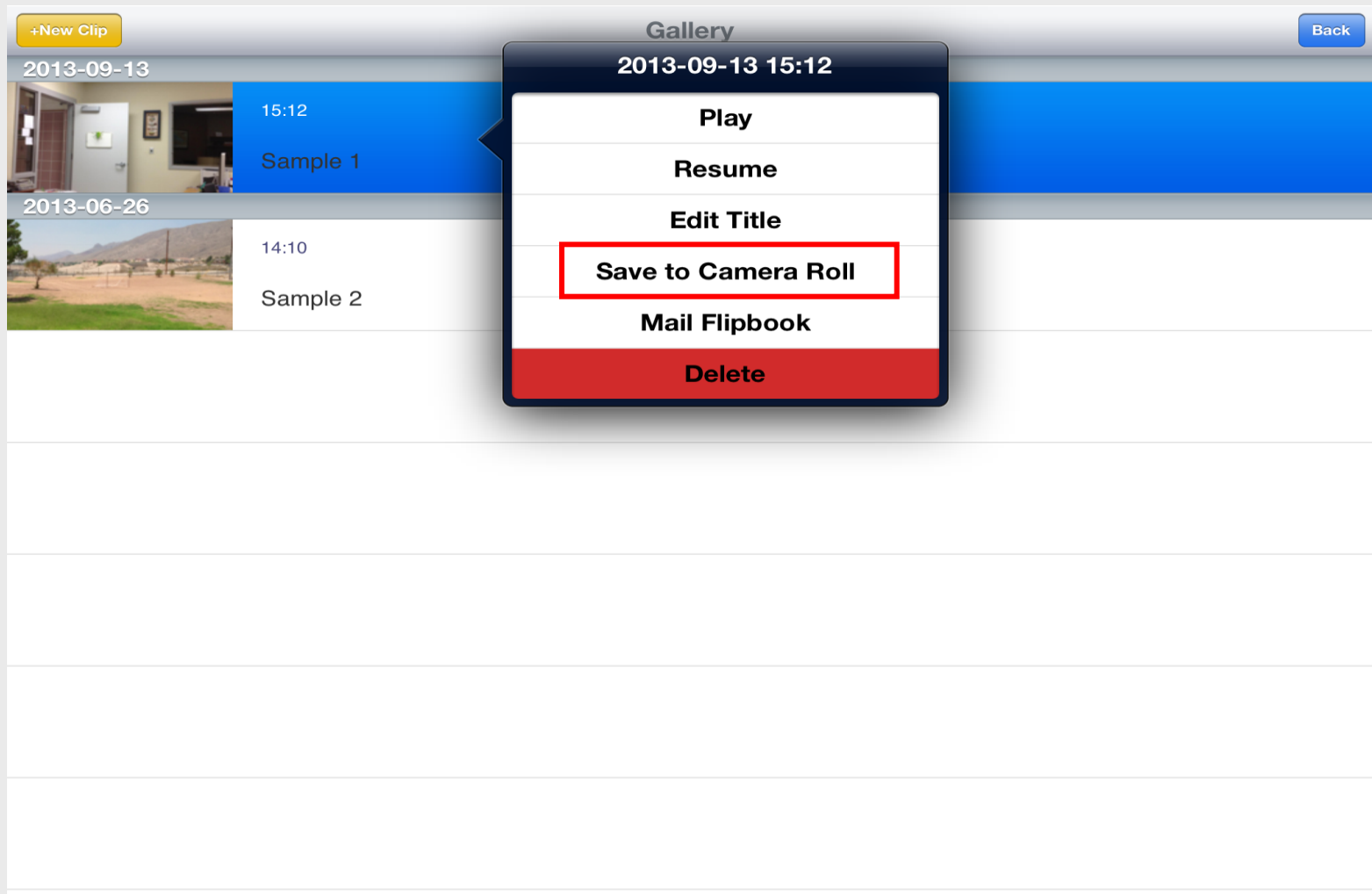
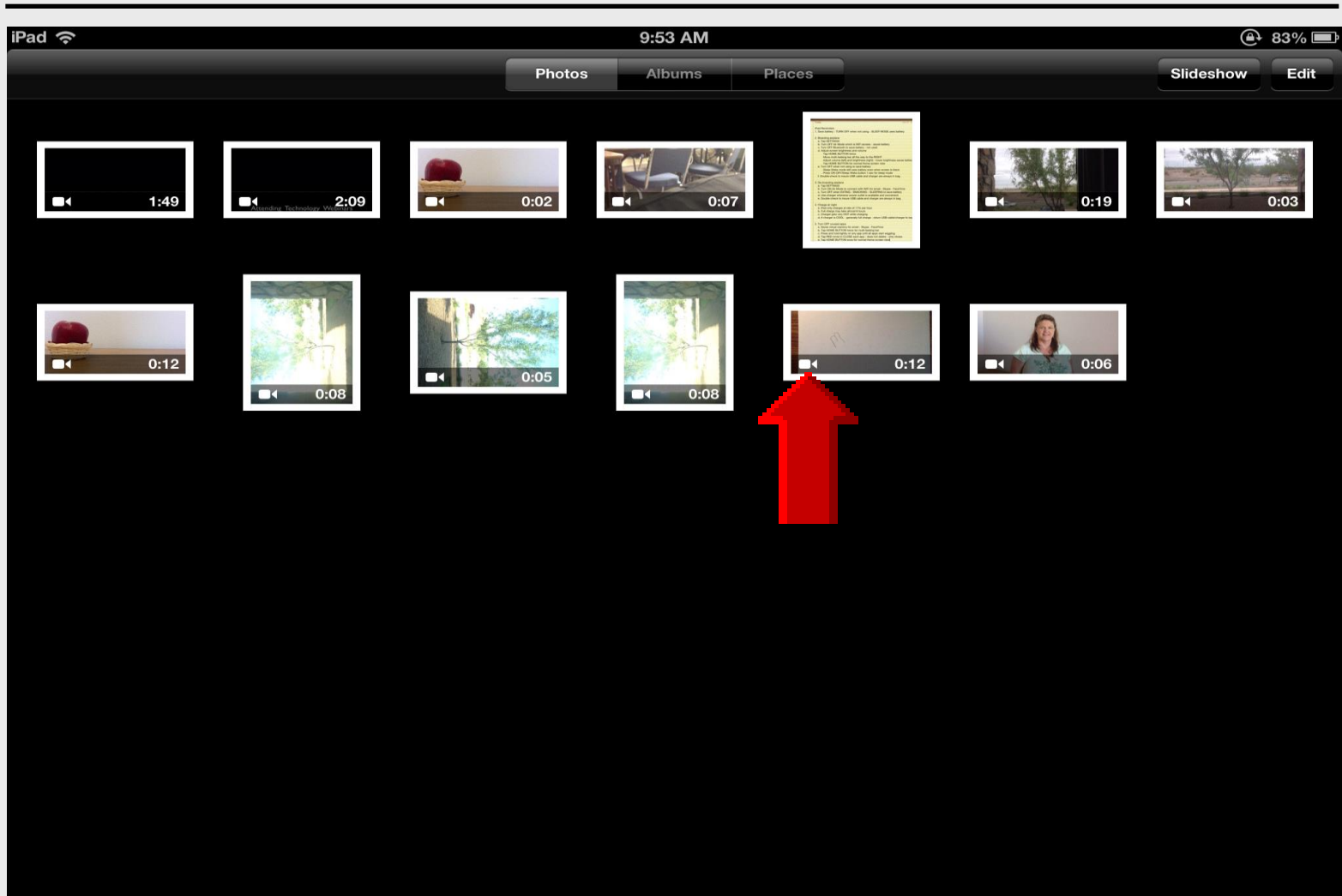


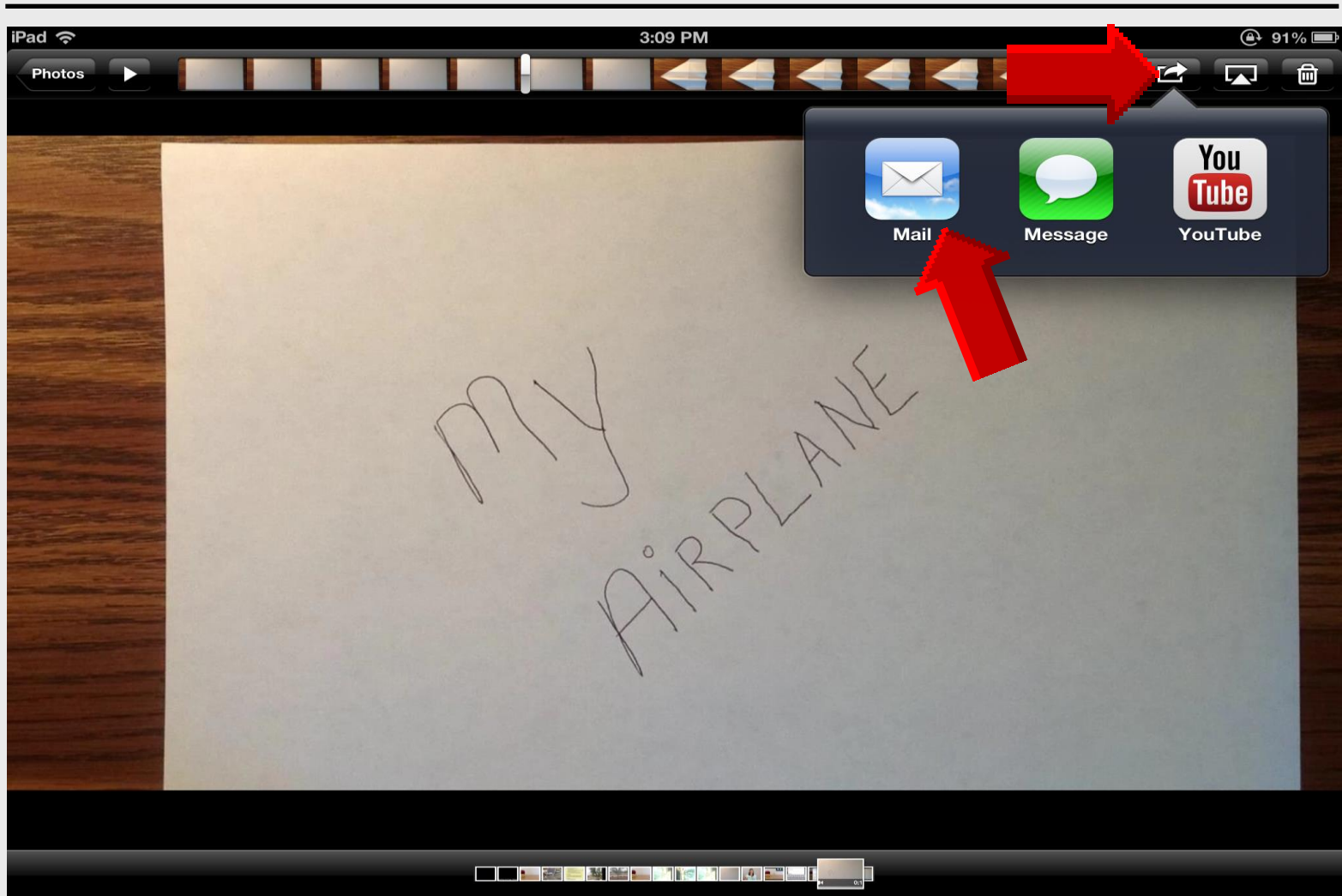
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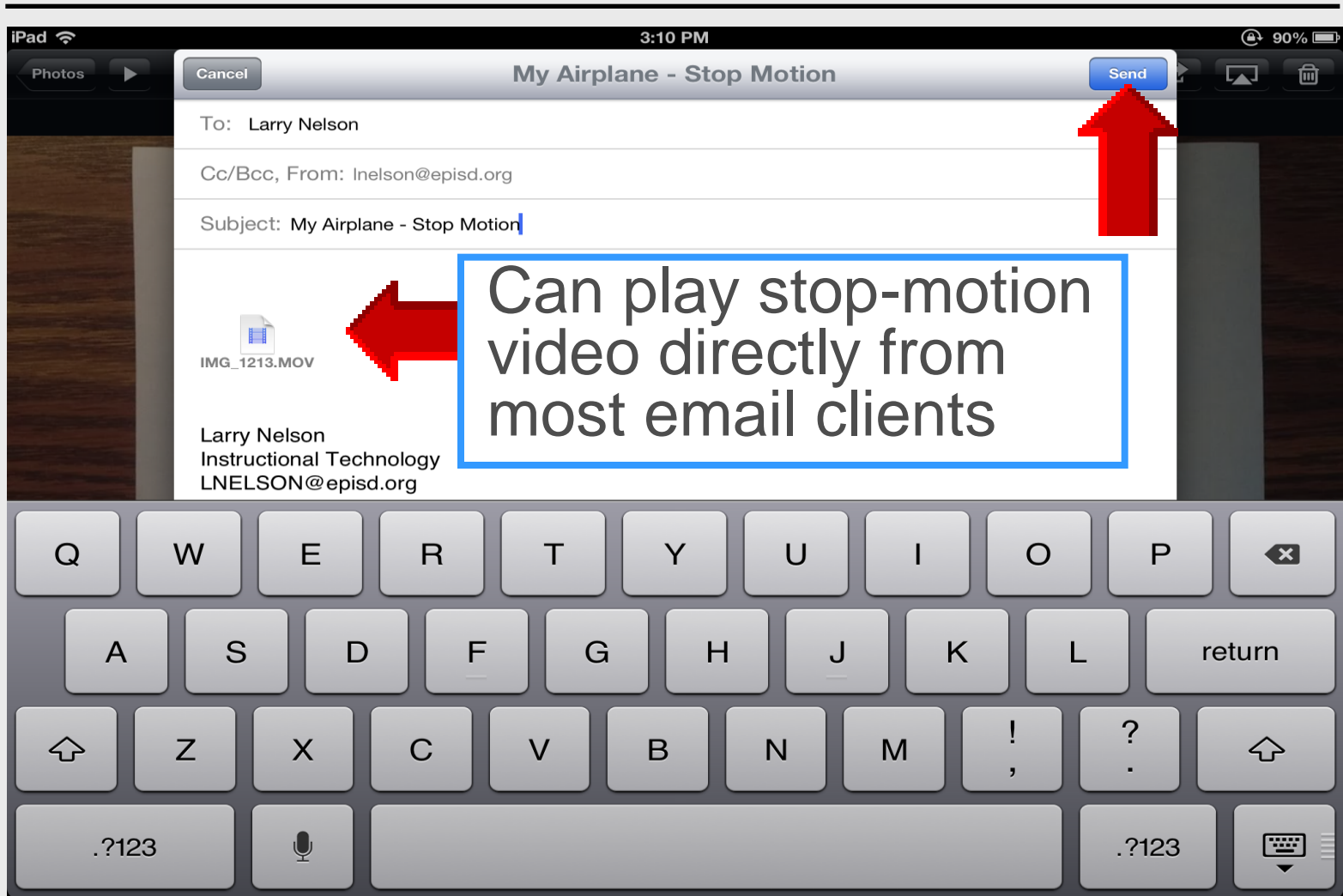
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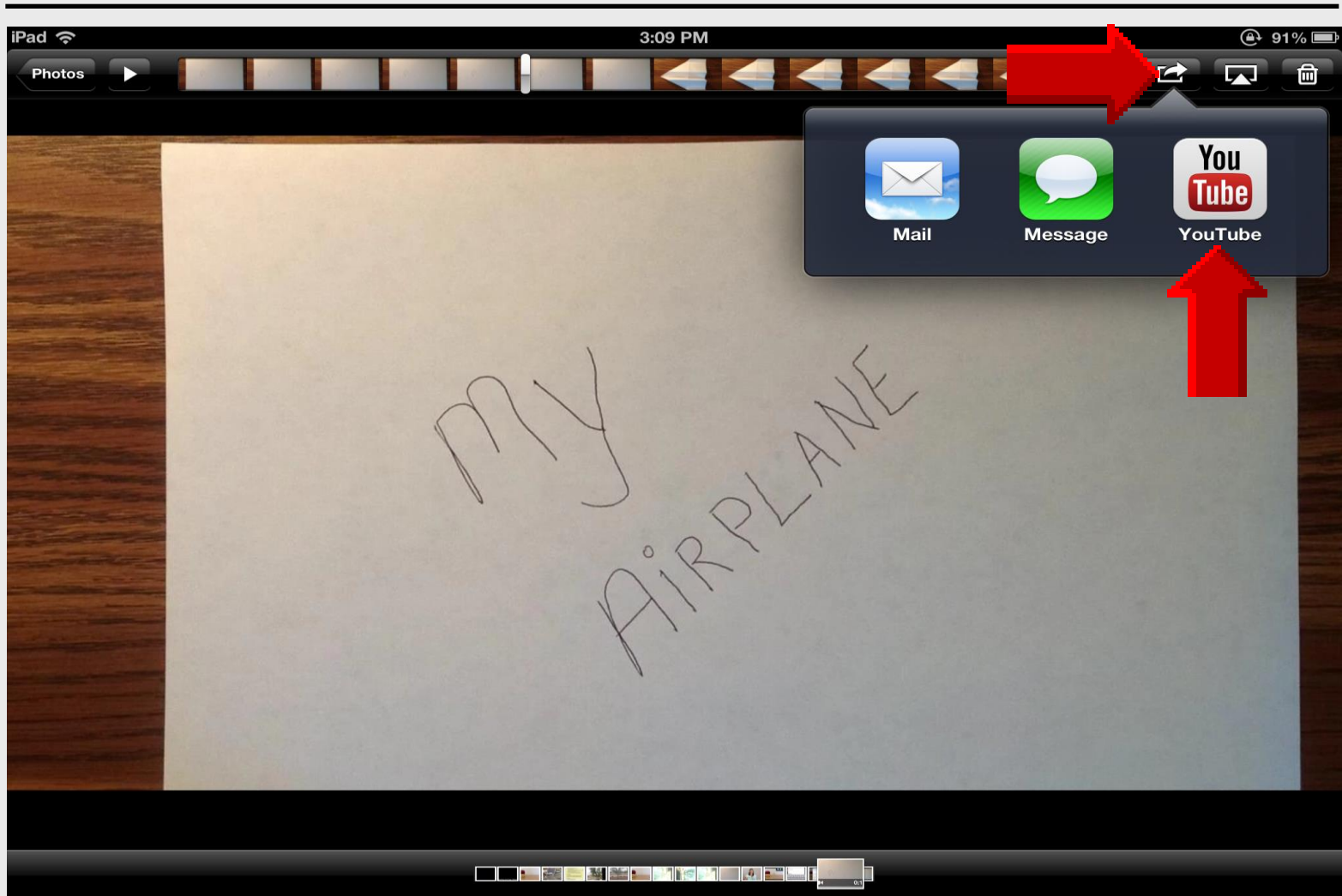
Email Video



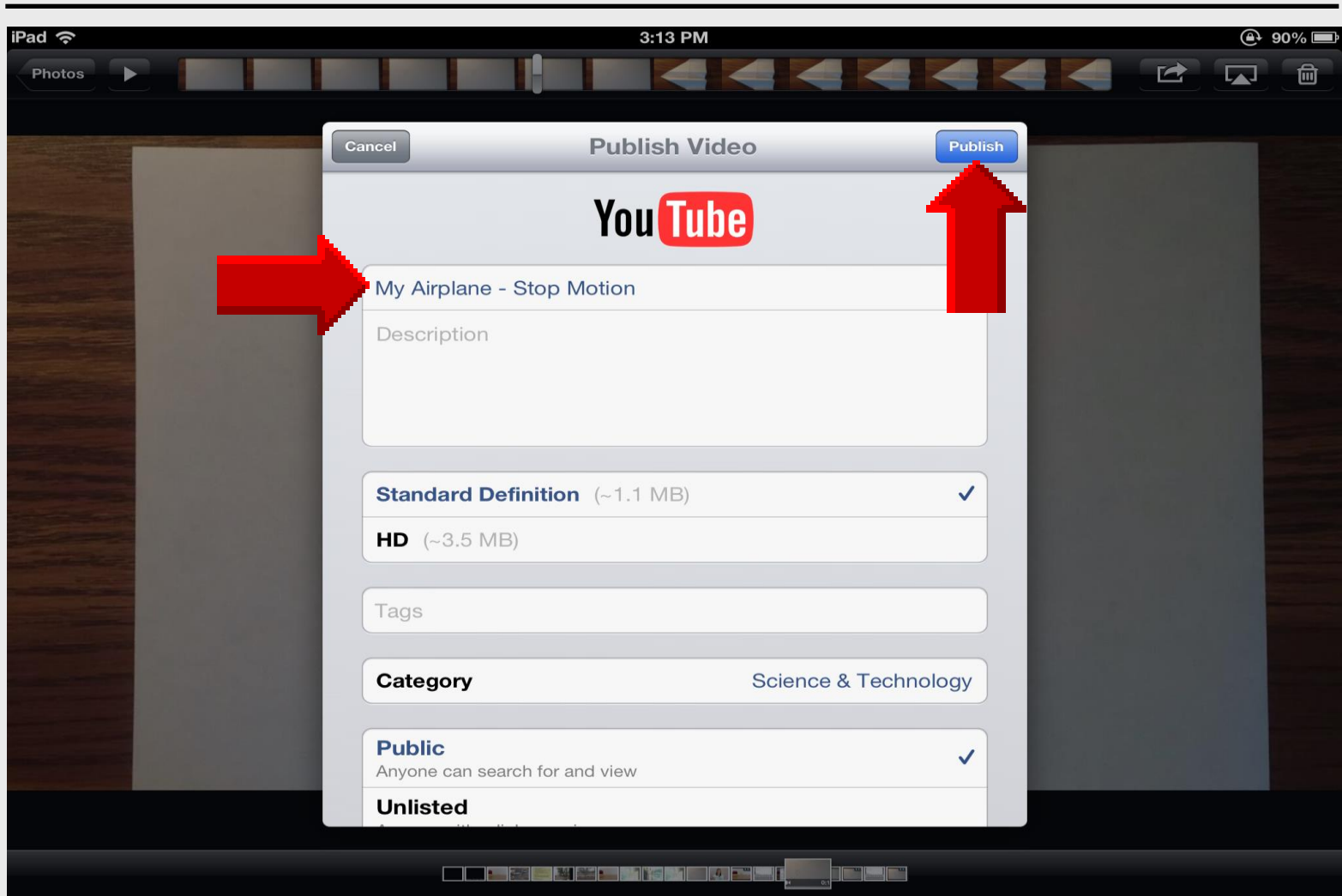
Email Video



Publish Video



Publish Video



View *on* YouTube

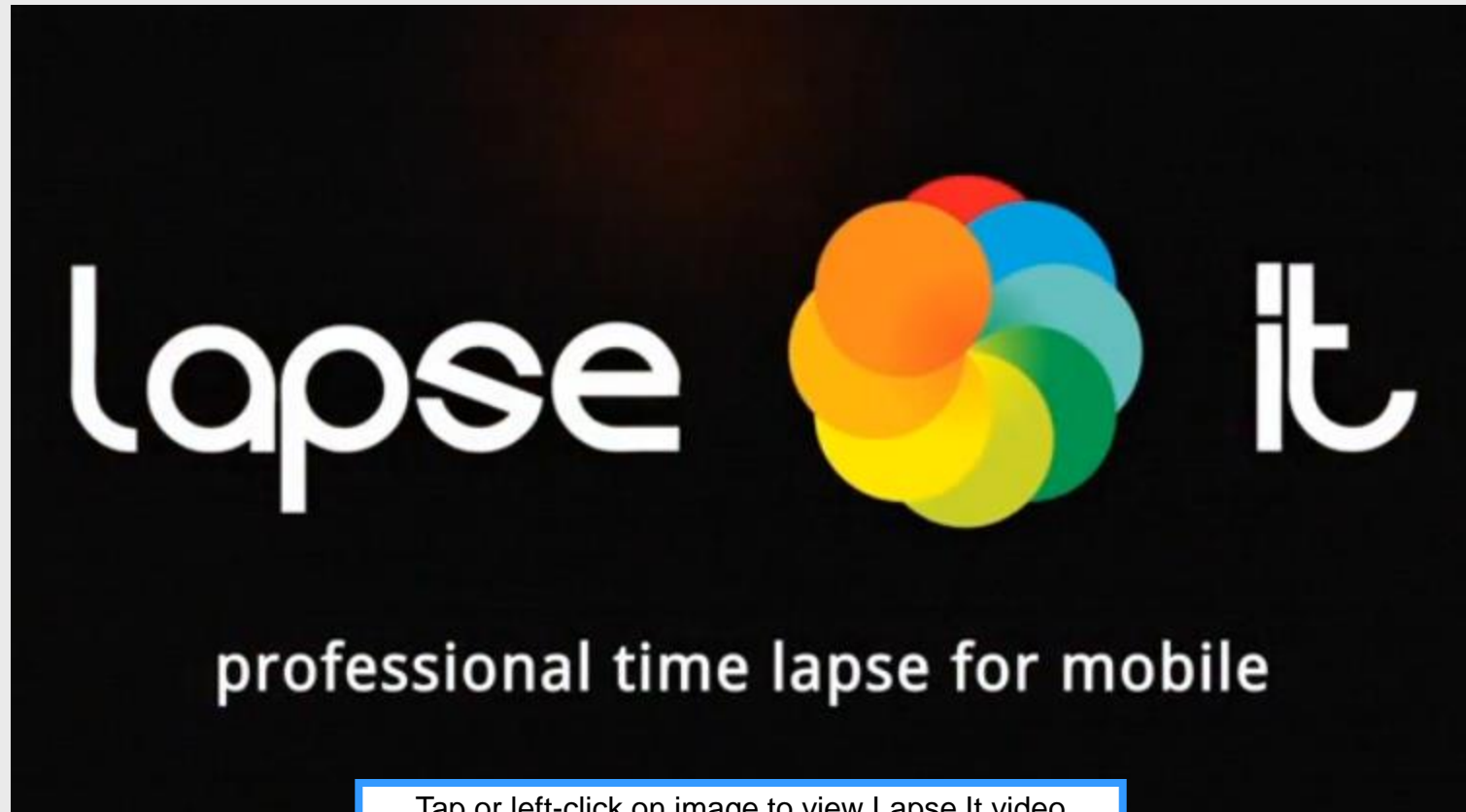


Lapse It



Lapse It

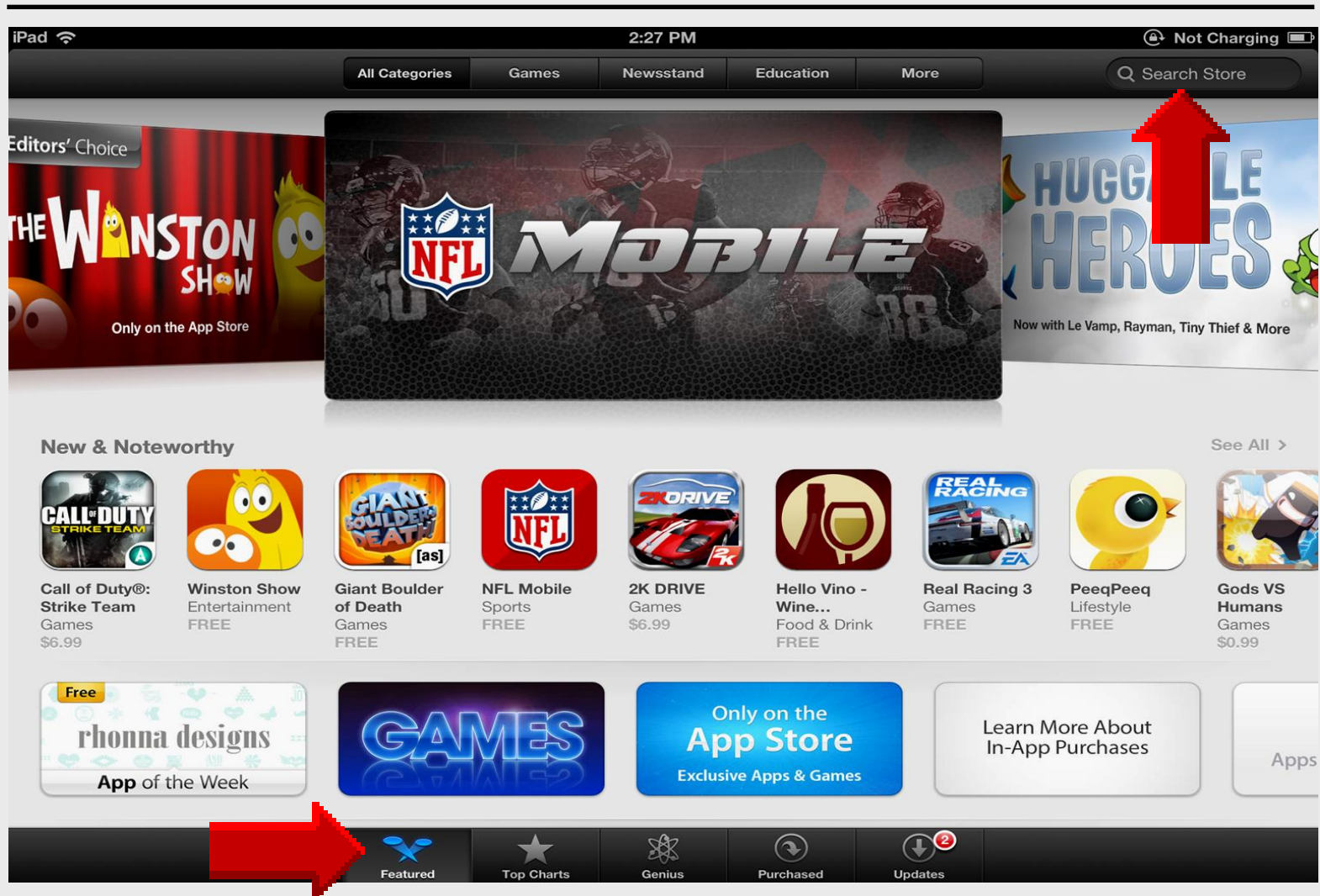
An intuitive and powerful app
for **time-lapse** and **stop-motion** video



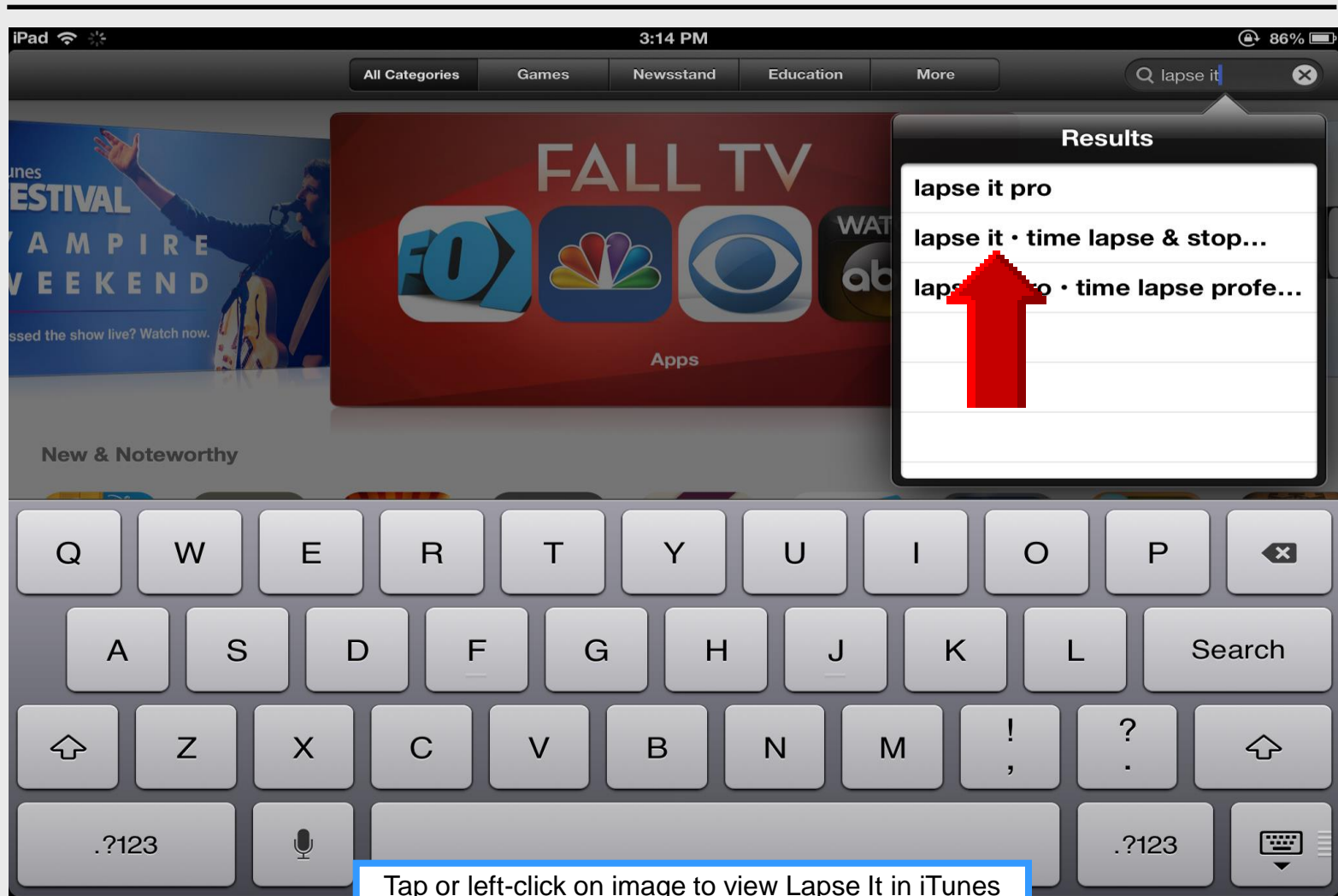
App Store



Featured



Search *Lapse It*



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Download

Offered by Interactive Universe

★★★★★ (56)
Rated 4+

TOP IN-APP PURCHASES

1. Lapse It Pro Edition \$1.99

LINKS

Developer Website

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Lapse It • Time Lapse & Stop Motion

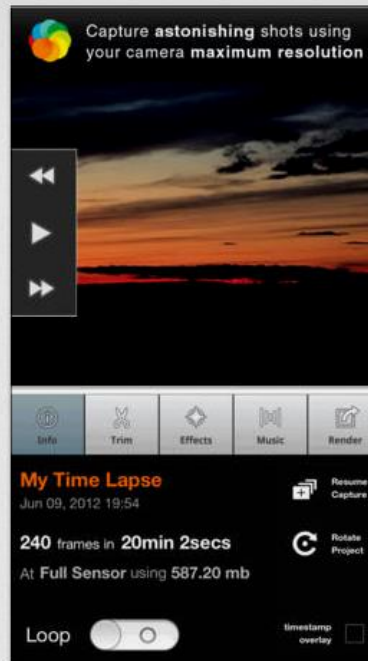
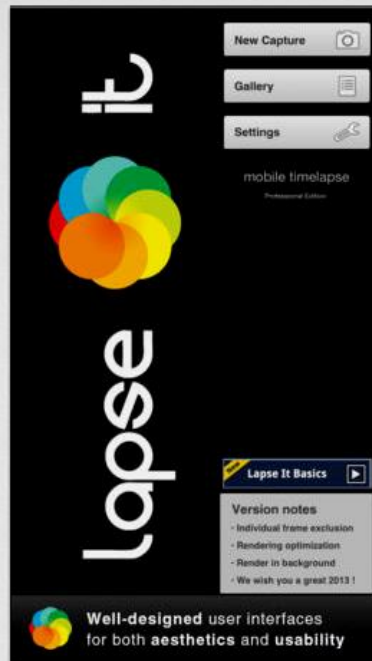
Interactive Universe >

Details

Ratings and Reviews

Related

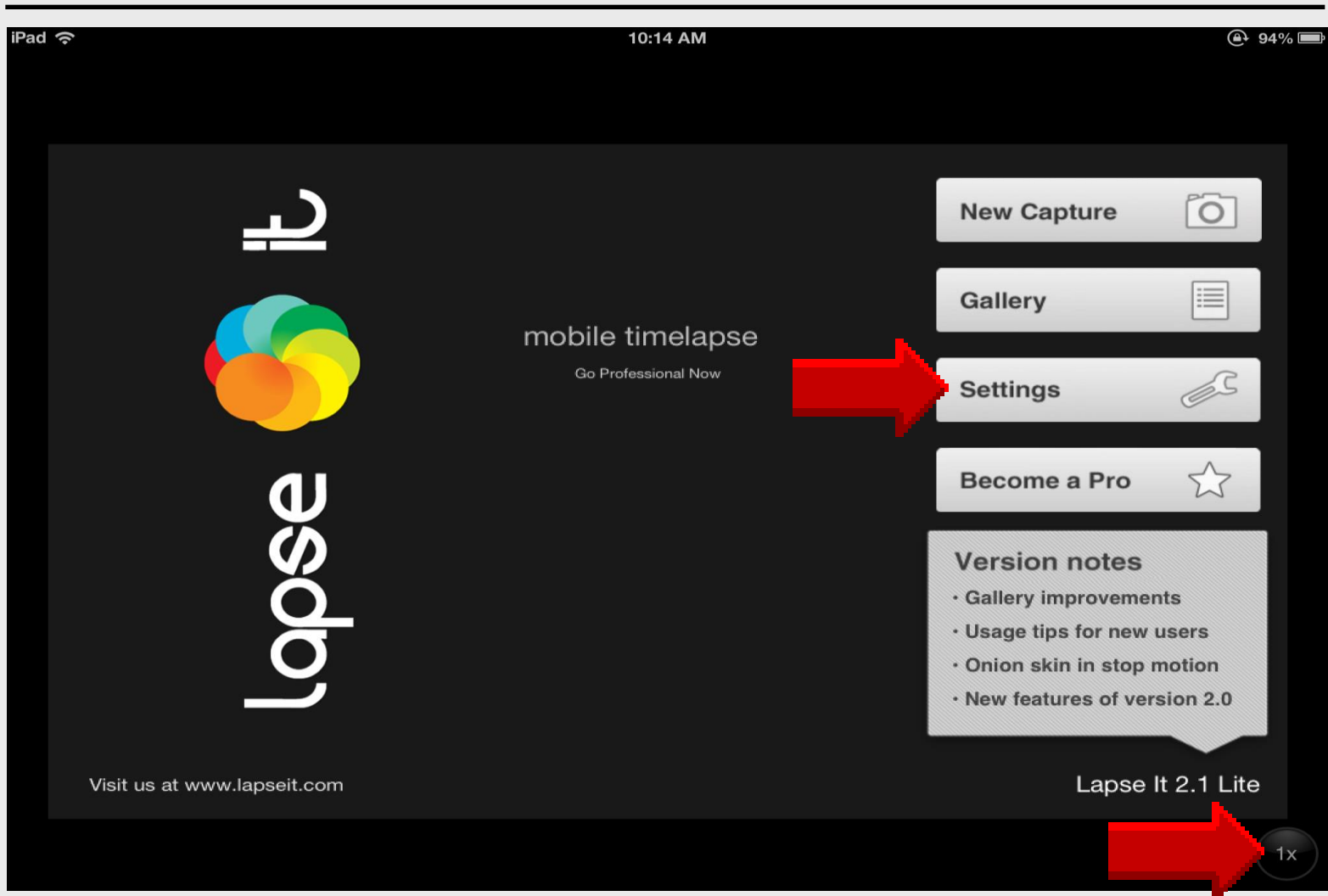
iPhone Screenshots



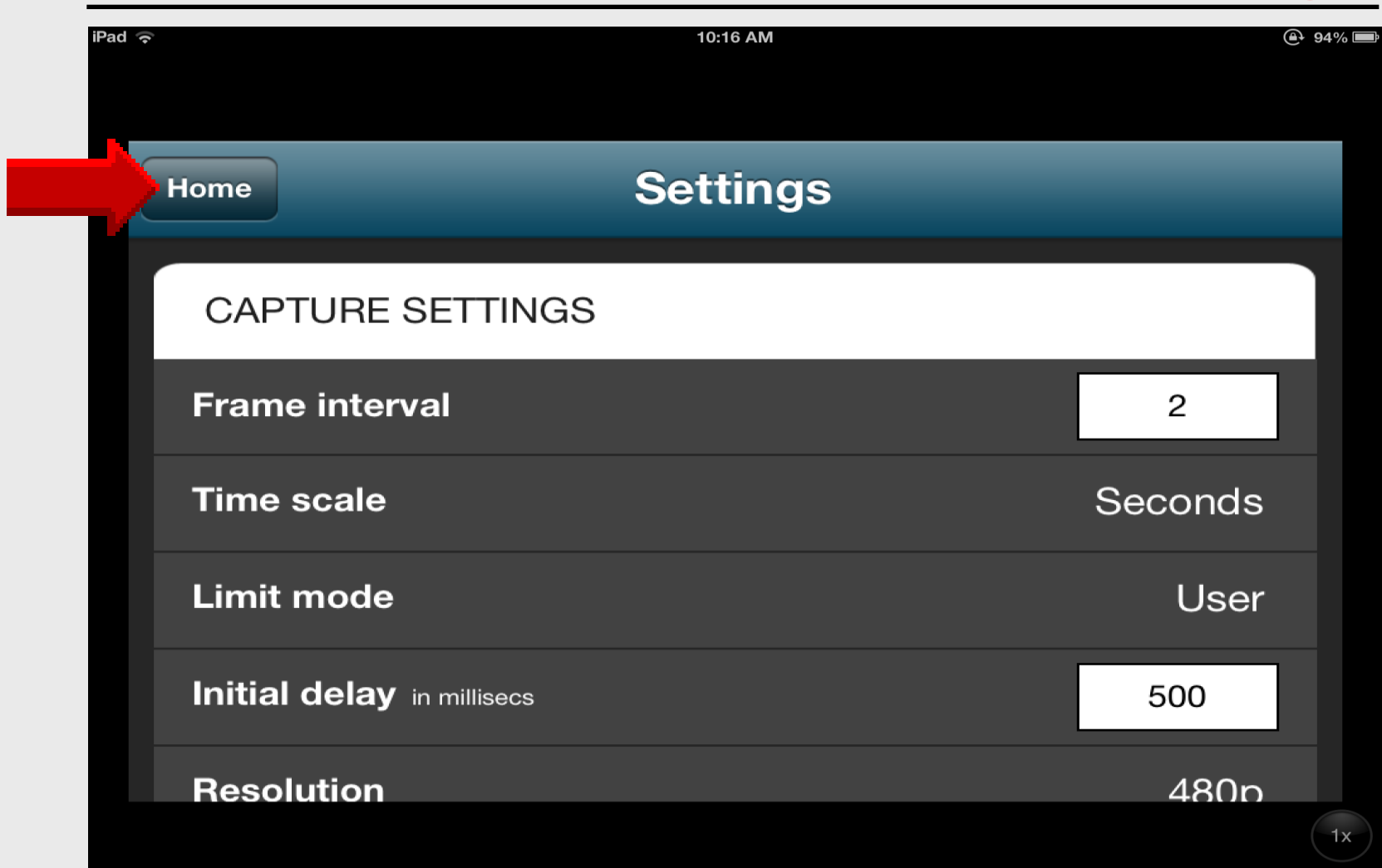
Install Lapse It



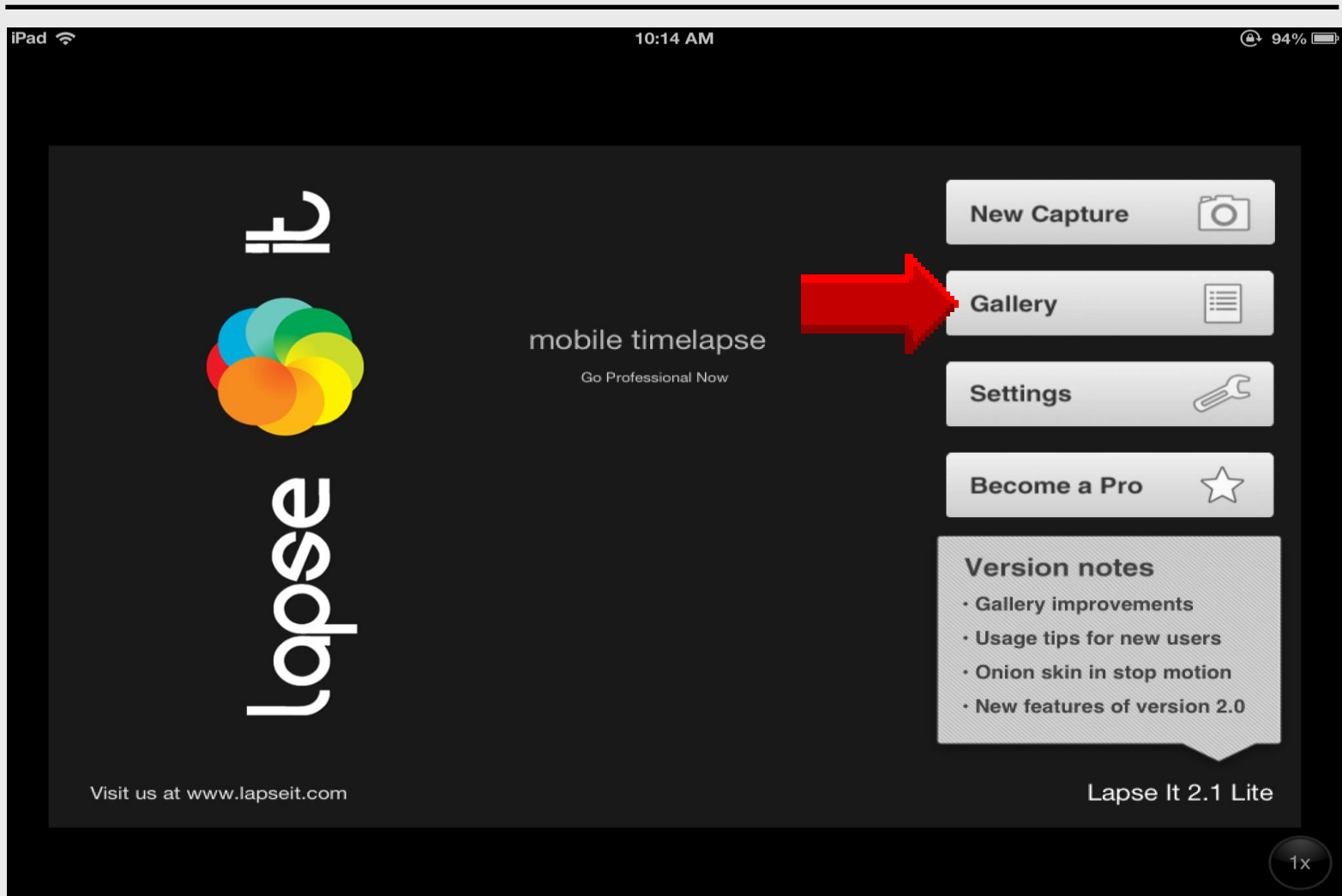
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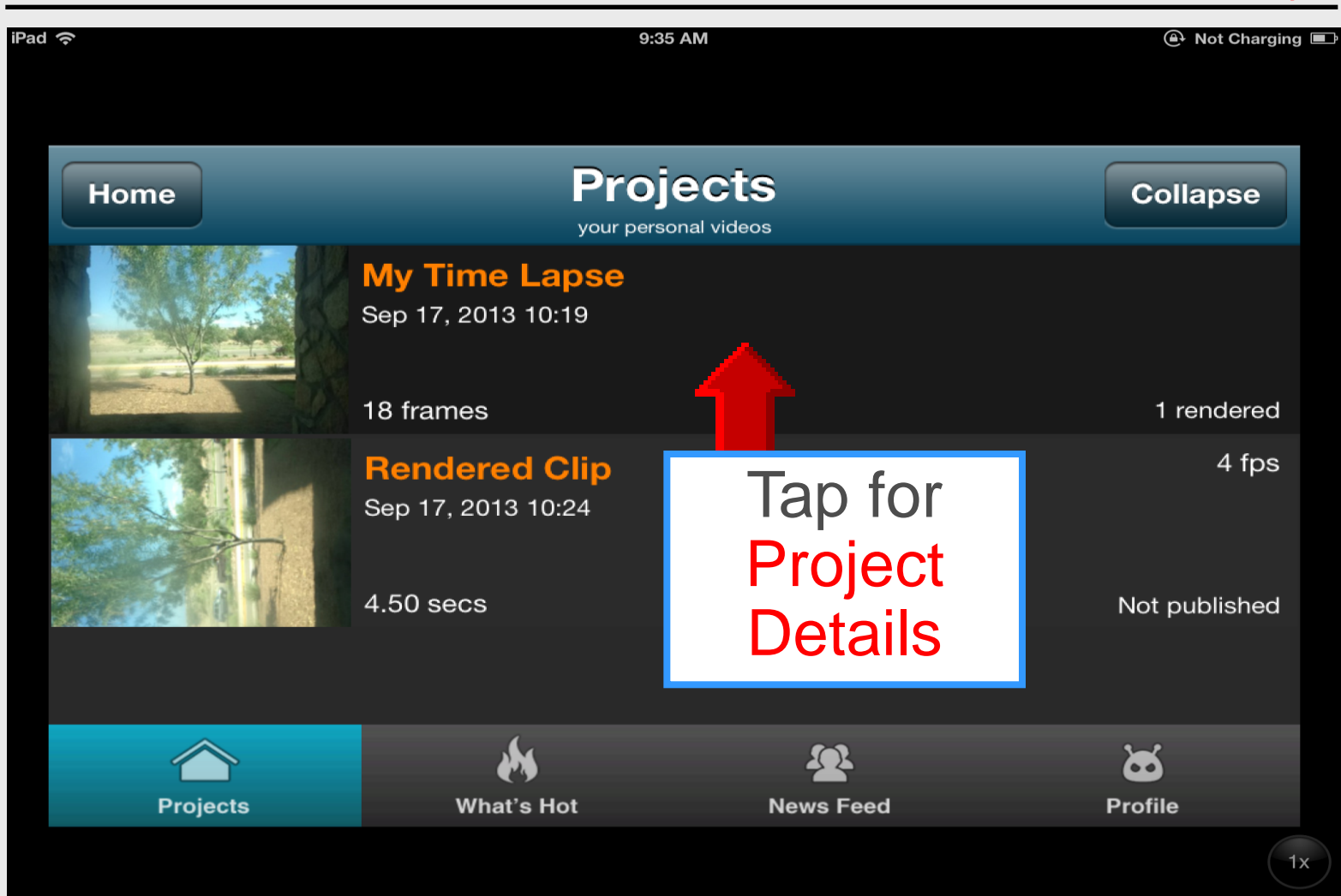
Lapse It – *Settings*



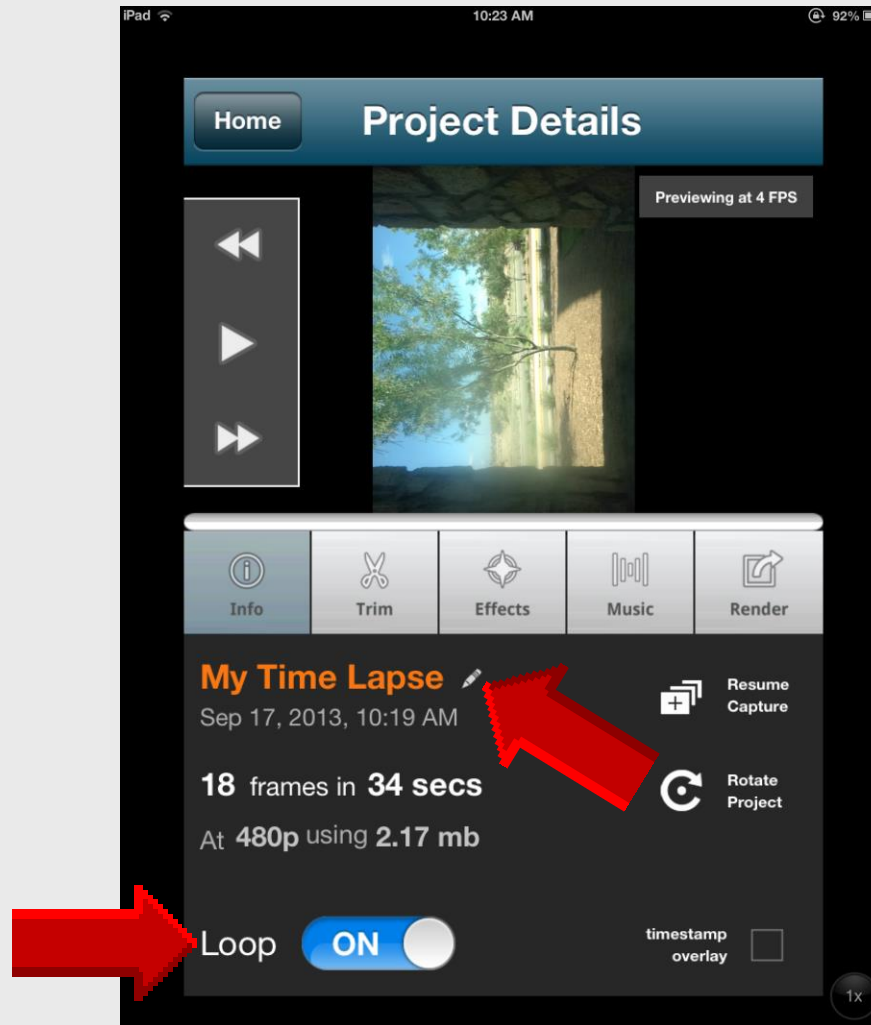
Lapse It



Lapse It – *Gallery*

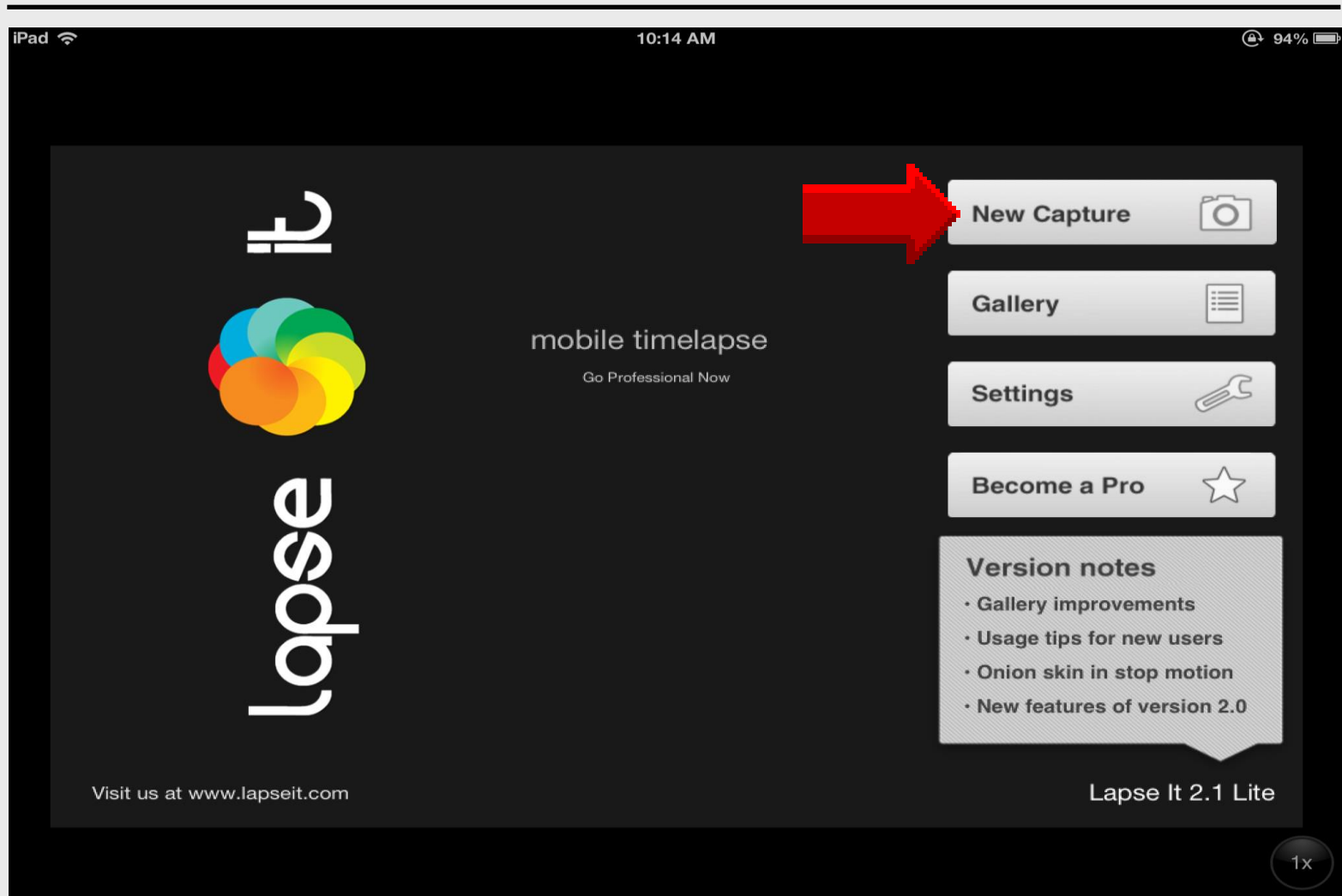


Lapse It – *Project Details*

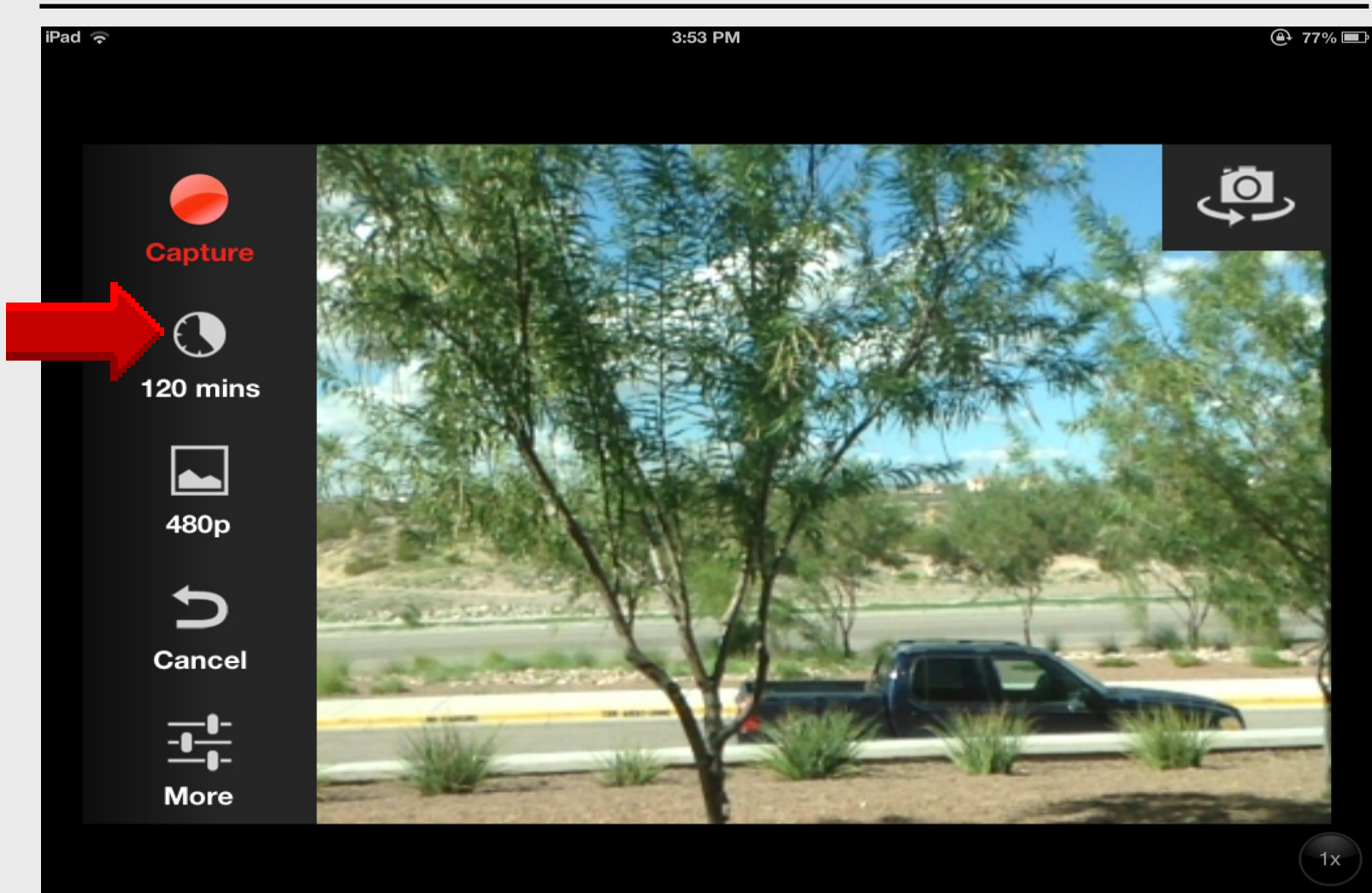


Tap **Pencil**
to rename
Project

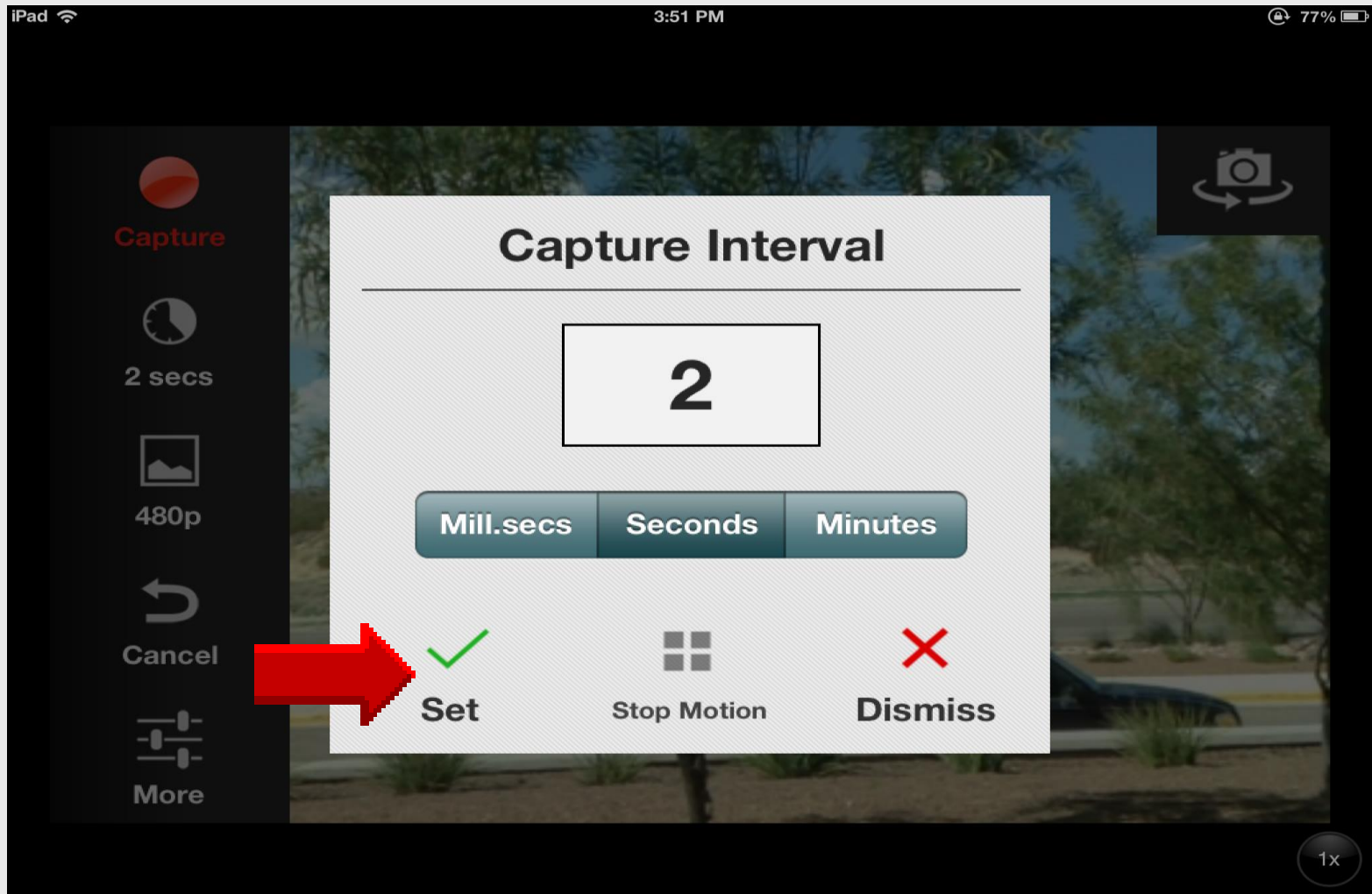
Lapse It



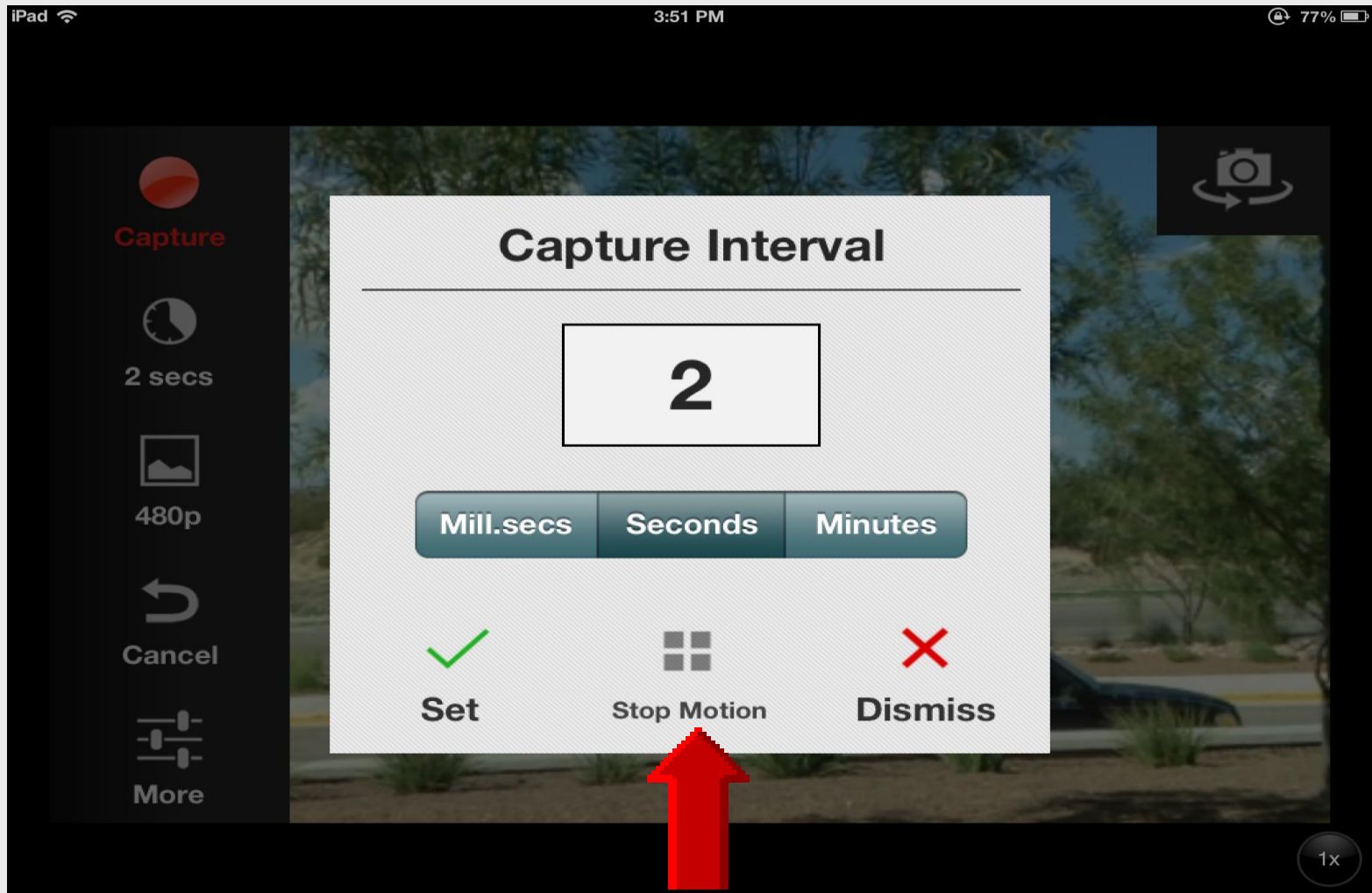
Lapse It – *New Capture*



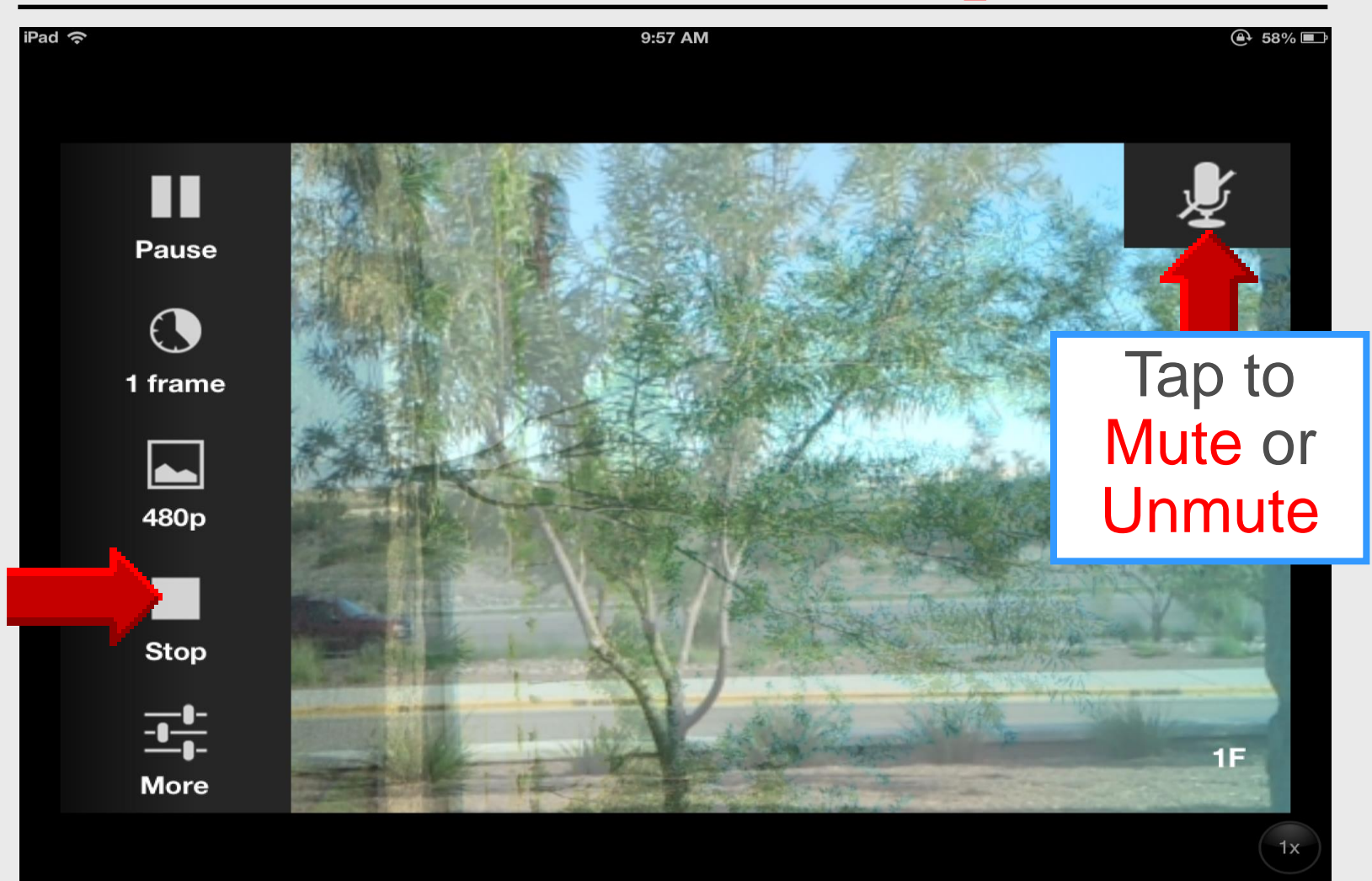
Lapse It – *New Capture*



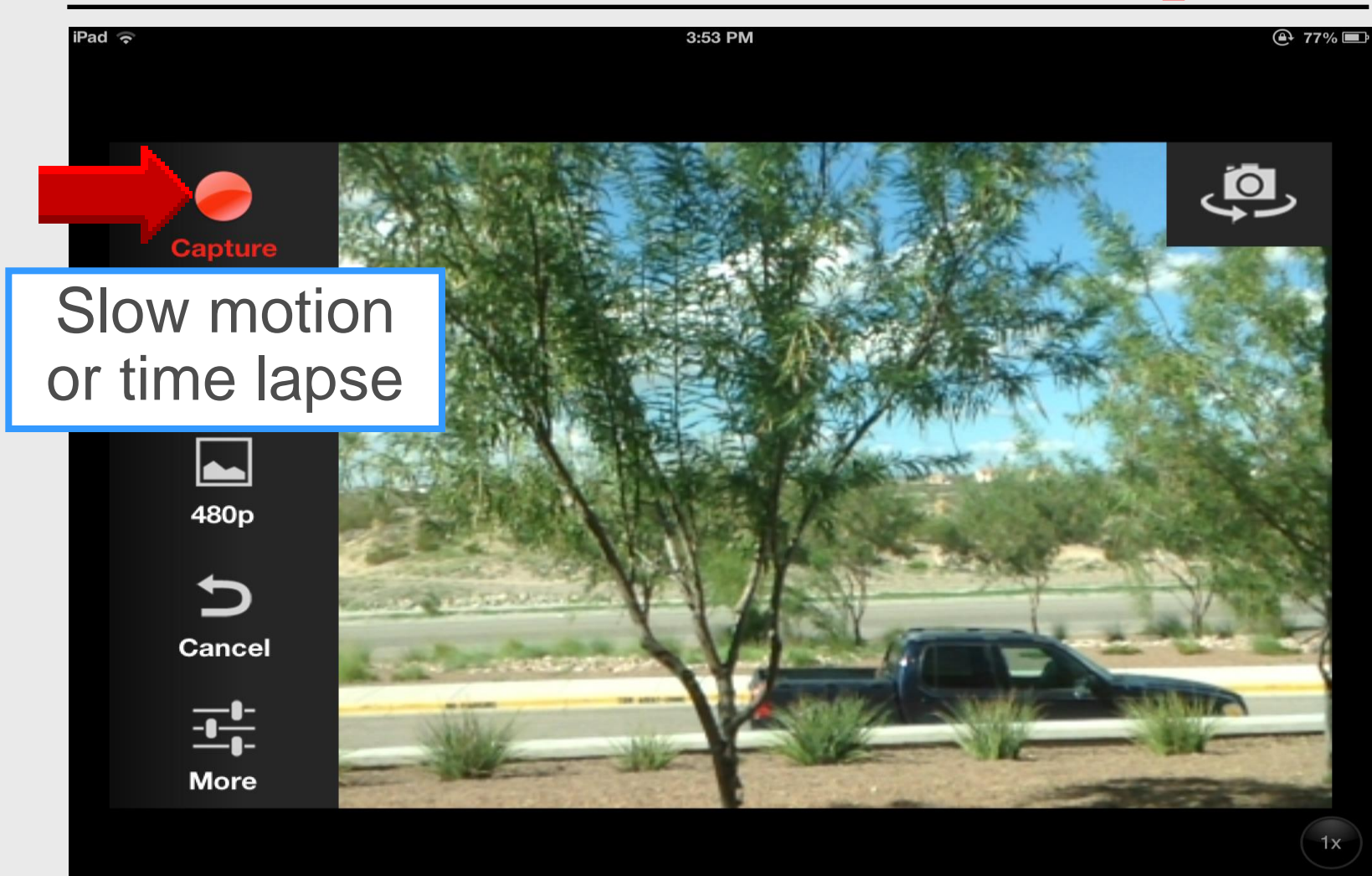
Lapse It – *Stop Motion*



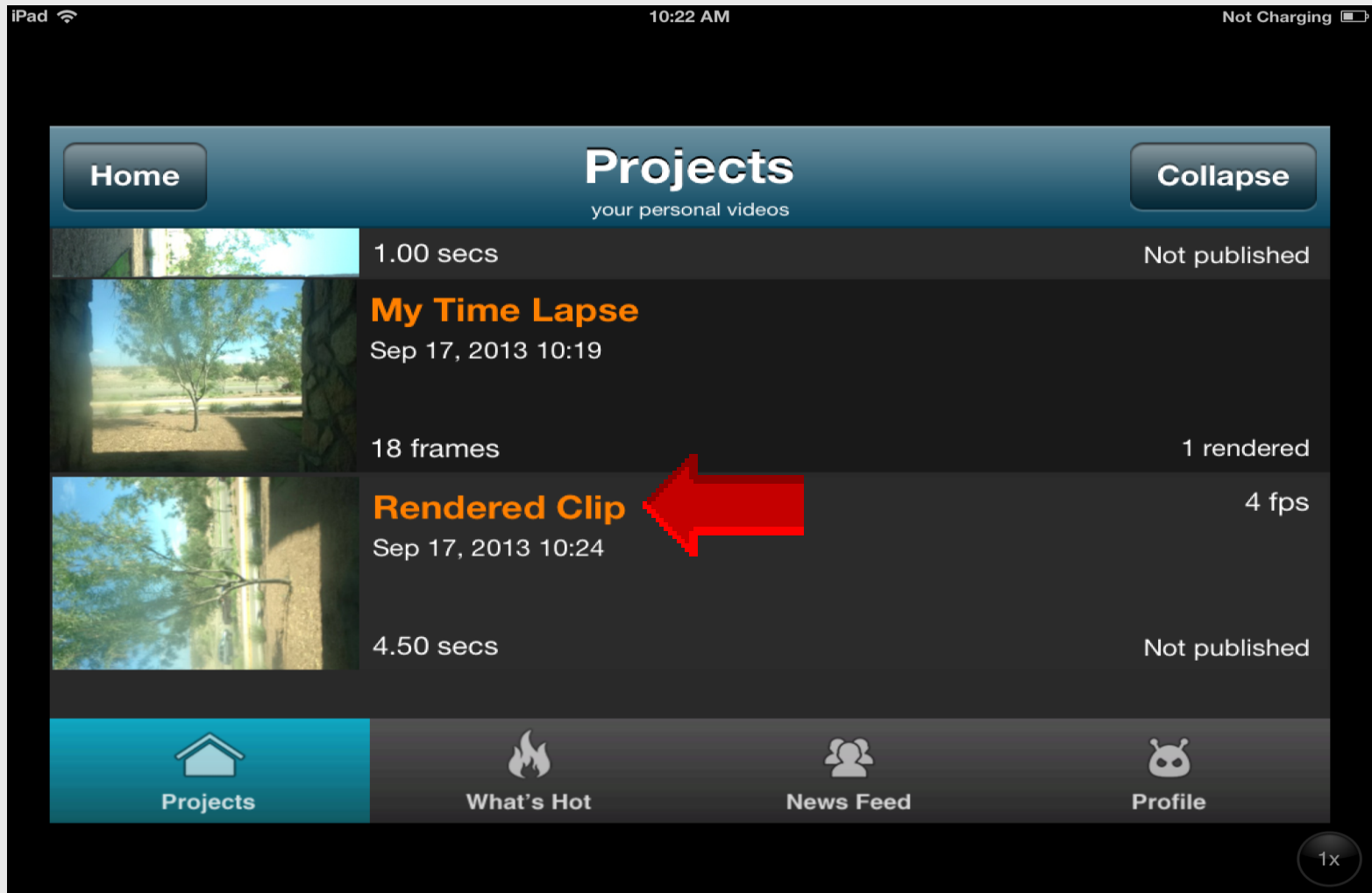
Lapse It – *Stop Motion*



Lapse It – *New Capture*



Export *for* Saving



Export *for* Saving

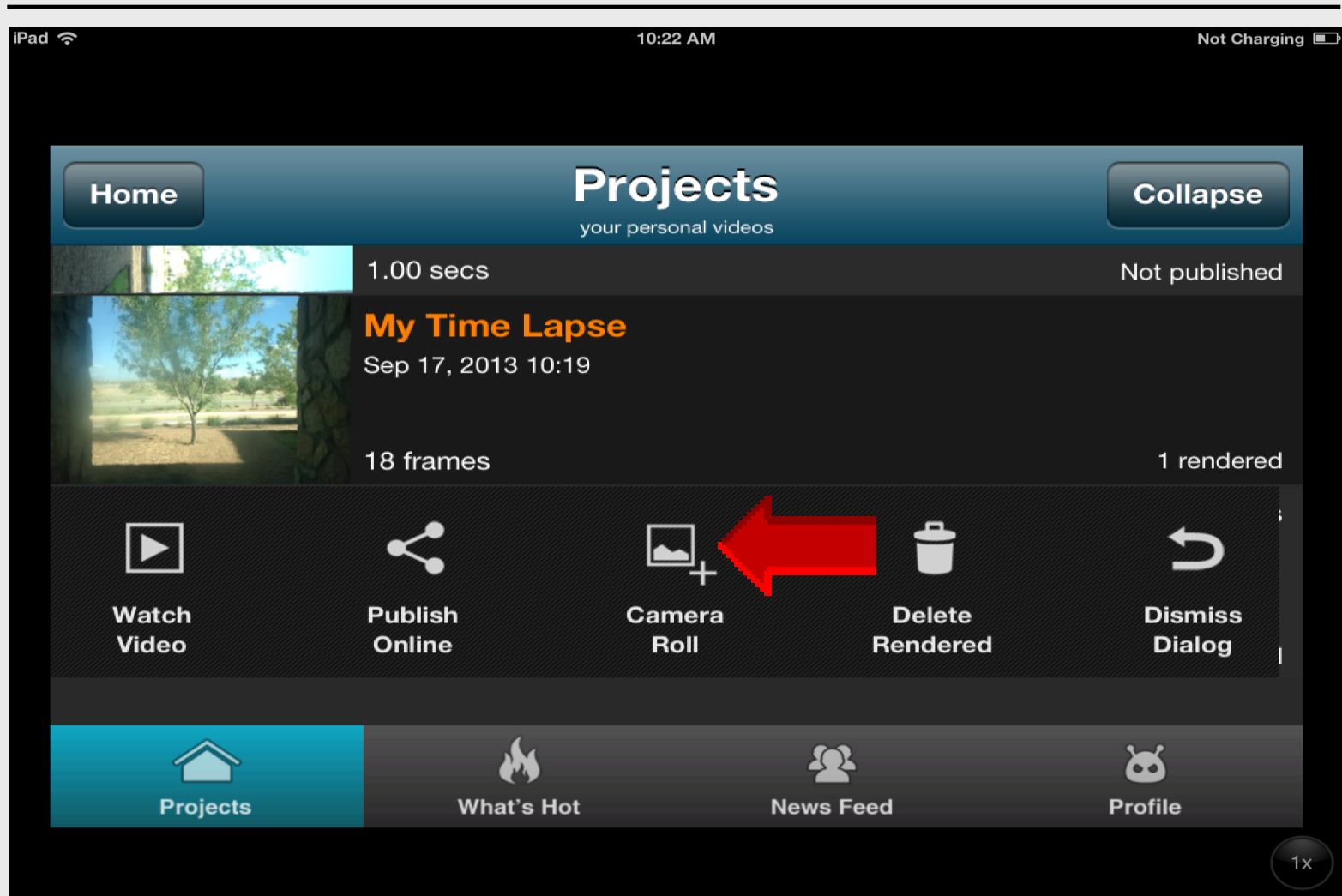
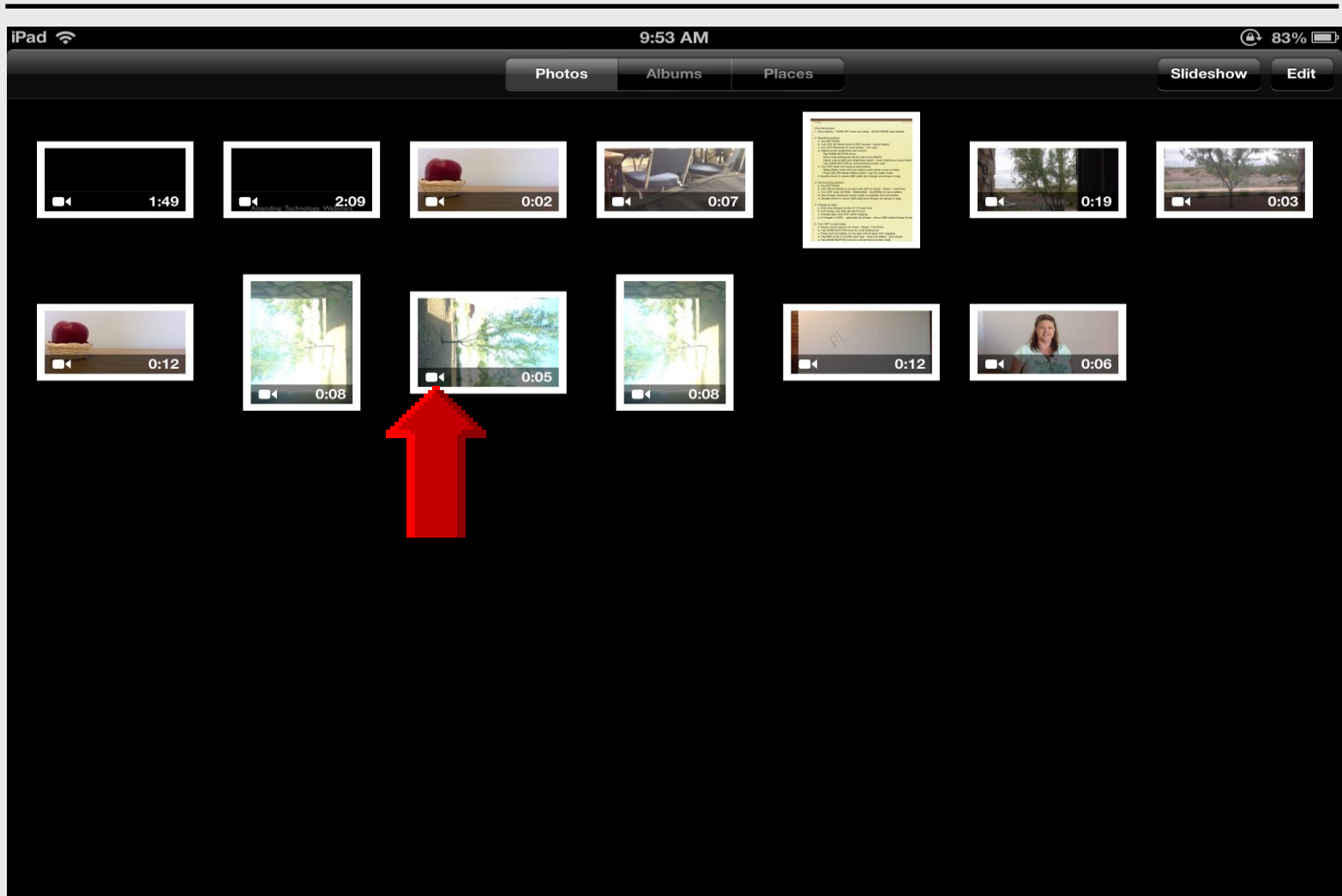


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KomaKoma



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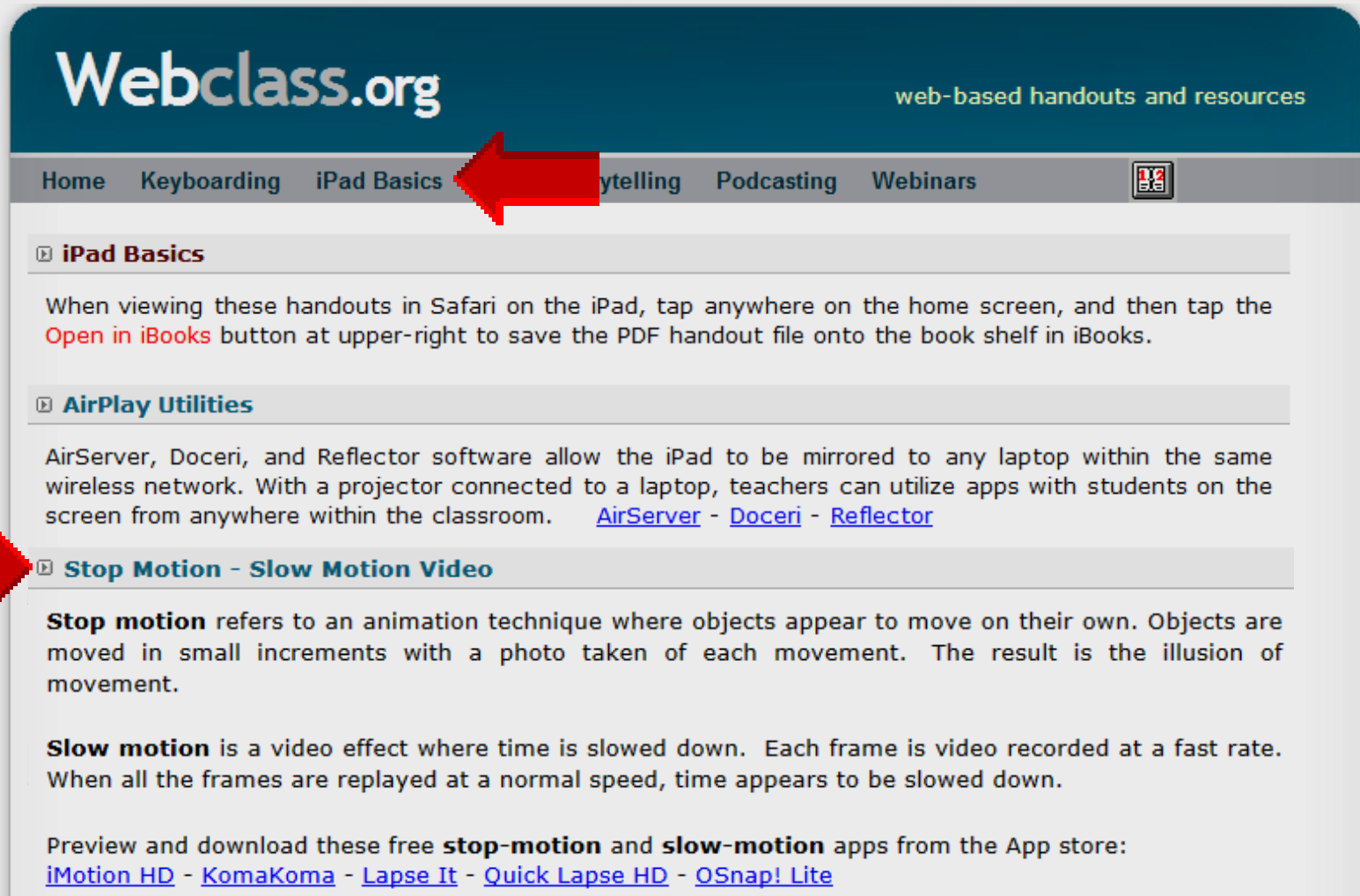


Lapse It



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to view and install from iTunes

Online Handouts



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