

STEAM Activity Ideas:

[Marshmallow Catapult](#)

[Finding Iron in Your Cereal](#)

Ivory Soap in the Microwave

[Kid Version](#) [Steve Spangler Version](#)

[Bouncy Ball Recipe](#)

[Kool-aid Crafts](#)

[Foam Dough Recipe](#)

[Marshmallow roast](#), adapted from CSLP manual

[Kitchen Science Ideas](#)

[Red Cabbage pH Detector](#)

[Lemon Battery](#)

[Dying with Food](#)

[Dying Easter Eggs with Food Scraps](#)

[MaKey MaKey](#)

Free or Almost Free Apps

3D Related

123D Creature

123D Catch

123D Design

123D Make

123D Sculpt

coLAR mix

3D models from skeleton base

3D models from photos you take

3D models from parts

3D models, more for CNC router

3D models, behaves like clay, start from pre-loaded shapes

Creates 3D animations from coloring sheets (augmented reality) (extra designs \$)

Drawing

Paper

Sketches

Penultimate

Inkist

Adobe Ideas

Bamboo Paper

Sketchbook App, extra pens/brushes \$

Drawing/painting app

Sketch/notes, links with evernote

Drawing (difficult to use)

Drawing (vector based)

Drawing/sketch book

For Kids

TocaBand

Monsters

Tunetrace

Music creation with cartoon characters. For small kids

Color in monsters with photos you take. For kids.

Turns drawings/photos into music (Great for kids)

Photo Editing

Over

Aviary

Snapseed

Repix

Add text to photos

Photo editor

Photo editor

Photo editor

Video

Action Movie

Luma

Add movie special effects to videos you take (extra effects \$)

Filters for video (recently acquired by Instagram)