

# Integration of Early Literacy into Math and Science Activities

## Participant Handouts

### My Plan for Integrating Early Literacy with Math, Science, and Technology

Level 3 Literacy Strategy	Learning Center	Activities	Vocabulary and possible questions	Materials	Frequency (Times per Week)
<b>Math</b>	Snack	Count napkins and distribute to each child	How do we figure out how many we will need?  "match" "same amount"	Napkins	5 x
<b>Science</b>	Science table	Set up seed race – plant 3 seeds at the same time to see how fast each grows Predict Observe and document with photos, and drawings. Write in journal	Measurement words  Why do you think.... Which do you predict...	3 types of seeds (bean, carrot, sunflower) Small containers Pencils Journal Camera	3 x Final document at end of week 3.
<b>Technology</b>	Small group time	Mon, Tues: Teach children letter sound without the app Wed, Thurs, Fri: use the iPad with letter sound app.	Words for using the tool: slide, scroll, turn on, click Distinguish between letter name and sound	iPad StarFall App	3 x
<b>Family Engagement</b>	Weekly literacy	Number hunt: find numerals 1 and 3 on	State the full number and	Cereal box	1 x

	activity on bulletin board or note to parents	the cereal box 10 times (math).  Feel the bark of a tree at the park and talk about it (science)  Name that part (science)	item (130 calories)  Descriptive words: rough, smooth, grey, inside, outside, trunk Name body parts and their function	Tree  Our own body or doll	
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## List of apps and online resources for early literacy

### Trainer Guide

#### Phonological Awareness

##### Rhyming:



**ABA – What Rhymes?** by Kindergarten.com



**Dora ABCs Vol 2: Rhyming Words** by Nickelodeon



**Rhyming Words** by GrasshopperApps.com



PCS Rhyming Flash Cards by DynaVox Mayer-Johnson Education

**Alliteration**



Sound Sorting by Lakeshore Learning Materials



ABC Magic 4 by Preschool University



ABC Magic 6 by Preschool University

**Listening Skills**



Things You Can Hear Lite by Captive Games



Peekaboo Barn Lite by Night & Day Studios, Inc.

## Letter Knowledge



Starfall ABCs by Starfall Education, LLC



ABC Alphabet Phonics by Grasshopper Apps (Innovative Investments Limited)



ABC Magic by Preschool University



ABC Magic 2 by Preschool University



Letter School by Boreaal b.v.



ABC Ninja by Innovative Mobile Apps

## Vocabulary



**Toddler Flashcards** by iTot Apps, LLC

### **Writing Support**



**Draw board** by @Huizhe



**Write My Name** by NCSOFT



**Doodle Buddy** by Pinger, Inc.

## Math



Monkey Math School Sunshine by THUP Games



Line em Up by Classroom Focused Software



Bugs & Buttons by Little Bit Studio, LLC



Bugs & Buttons 2 by Little Bit Studio, LLC



Bugs & Bubbles by Little Bit Studio, LLC

## Playing together-collaboration



Super Home Hero by Fred Rogers Center at Saint Vincent College



**Alien Assignment** by Fred Rogers Center at Saint Vincent College

### Visual Discrimination



**Highlights Hidden Pictures Countdown** by Highlights for Children

### Making Books



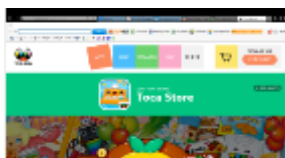
*Book Creator*, Red Jumper Studio, [www.redjumper.net/bookcreator/](http://www.redjumper.net/bookcreator/)

### Reading in English and many other languages



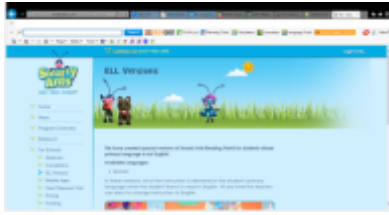
Storykit, ICDL Foundation,  
<http://en.childrenslibrary.org/about/foundation.shtml>

### For dual language learners



Toca Store, Toca Boca, <http://tocaboca.com/game/toca-store>

You Tube, [www.youtube.com](http://www.youtube.com)



Smartyants, [www.smartyants.com](http://www.smartyants.com)



Bilingual story apps, Ana Lomba, [www.analomba.com](http://www.analomba.com)