Build a Better World!

**Workshop Agenda and Resource Packet**

**Northeast Kansas Library System**

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**V = teen volunteer opportunity**

**R = recycling project**

**S = STEM**

**P = passive**

**Boom Chicka-Boom** Call and response / words in handout

* + Note: all stories, activities, etc., that referred to today are listed in your handout packet.
  + Workshop will follow the order of the CSLP 2017 Manual, starting with…

###### Promoting: Classroom visits and/or Assemblies

* + *Ming Lo Moves the Mountain* (Lobel) plus “move-a-mountain (cup-stacking relay) contest”
  + *The Three Little Javelinas* (Lowell) skit – see also “Three Pigs w/alternate ending” p. 59
  + **R** Not a Box skit plus box crafts -- related program ideas p. 245
  + **R** “The Tailor” in Norfolk’s *Moral of the Story*. Participatory storytelling. In handout / short demo – related to Conservation p. 128 and Give Your Cardboard Box Another Life conservation commercials
  + Boom Chicka-Boom Rap.
  + THINK PAIR SHARE

###### Decorations and Displays

* Under Construction: children build structures as they read. Simple, inexpensive and fun!
* Legos Name Wall: write names with Sharpees as kids build towards reading goals
* Build-a-Robot: as children reach reading goals they add parts to form a robot
* Build-a-Bridge: add planks to a suspension bridge until it spans the room
* More ideas to come…
* THINK PAIR SHARE

###### Kickoff Events

* **Building Blocks of Literacy Family or Parent Workshop**
  + Play storytelling games, explaining briefly how each of these develops specific literacy skills such as predicting and inferring, vocabulary acquisition, understanding of cause and effect, sequencing, etc.
* **V Construction Zone**
  + Put on a Construction Fair –Each booth or activity will feature a different set of building materials and requirements. Nuts & bolts / Marshmallows & toothpicks / Card houses Entire set of “Construction Zone program ideas for infants p. 31 / for teens p 112-120, for school-age p. 240-243
  + **P** Build a giant geodesic dome in the center of the activity with everyone’s help, using straws and pipecleaners.
* **V Construction Zone Maze or Obstacle Course** – borrow orange cones and barricades for your county public works department! OR set up the fun obstacle course at https://erinisinire.wordpress.com/2015/03/27/pool-noodles-and-mats-and-duct-tape-and-bean-bags/
* **P THREE-in-ONE NON-Events:** “Thoughts of Peace” or “Coloring Mural” or “Lend a Hand to Build a Better World” = passive program + nonevent kickoff + library décor – when participants finish they get a sticker and summer program flyer and/or SRC reading log
  + Color Your World! Coloring Mural: Consumer Crafts Bright & Bold™ Giant Coloring Wall Murals: World Map https://www.consumercrafts.com/store/details/catalog/basics-coloring-books-for-adults/30019015
  + Lend a Hand -- Build a Better World: <https://snapguide.com/guides/make-a-holiday-handprint-wreath/>
  + Build a Peaceful World -- Thoughts of Peace: <http://indulgy.com/post/9LBY3XND72/love-this-idea-mlkdaywhen-you-close-your-eyes-an>

###### AND NOW FOR THE PROGRAMMING IDEAS…

**Home Improvement**

* Infants: Home Sweet Home theme p. 35-36
* Preschool storytimes: Home Sweet Home theme p 69-72
  + Share *Lizard’s Song*, *Lizard’s Home*, “The Three Little Pigs,” “The Little Red House with No Doors and No Windows,” “The Little Old Woman Who Lived in a Shoe.”
  + **V, R** Try the Build a House activity OR a milk-carton houses activity OR build a birdhouse See birdhouses p. 103 OR build toilet paper roll houses <http://krokotak.com/2013/11/lets-make-a-house-from-toilet-paper-rolls/>
* School-age Program:
  + Read/tell *Very Busy Spider* and *A House for Hermit Crab*; *Is This a House for Hermit Crab*; *A House is a House for Me, The Old Woman Who lived in a Vinegar Bottle*, “Monkeys in the Rain” in *Five Minute Stories*; *Scary House, Teeny Tiny Woman*; “Talking House” in *Tales of Uncle Remus*
  + **V, R** Build-a-Habitat: Bring in bags of Dollar Store plastic animals – kids choose one to make an appropriate home for the chosen animal from found objects
    - **P** “Build-a-Fish” online game – kids “build” a fish to match a particular habitat <http://static.lawrencehallofscience.org/kidsite/portfolio/build-a-fish/>
* Tweens and Teens:
  + Home Improvement workshop, teaching simple home repair and/or decorating skills.

**The Three Little Pigs revisited**

* PreK Creative Drama:
  + **V, R** Cover a sturdy large cardboard box with some cheap grass skirts for the straw, and for the stick house, tape sticks around the opening. For the brick house, draw on colored bricks. In the beginning, the children get to pick what house they get to go into. Choose one wolf, and when he’s coming, all of the children in the straw house have to run to the next house.
  + **S** Three Little Pigs & Preschool Science ALSC Blog
  + **S** Three Pigs house-building craft for prek (p. 242 in manual)
* **S** School-age Creative writing / Research / Storytelling: WHOLE GROUP
  + Read or tell *The Three Little Javelinas* (Lowell), then suggest that kids work independently or in groups of four to research and develop their own “three pigs” story, set in another habitat. Provide resources for research; kids act out their stories with the group.

###### Simple Machines Save Communities!

* **S, R** School-age: Tell “Prairie Dogs Chase the Clouds Away” (Hayes, 1988). Adapt the story so that the prairie dogs save their community from flooding by building simple machines (fulcrum and lever).
  + Share *Simple Machines* (Hodge, 1998) OR show the video on simple machines at [www.brainpop.com](http://www.brainpop.com).
  + **V** Provide a variety of recycled objects (string, blocks, bottle caps, wheels, craft sticks, boxes, etc.) for kids to use in building their own simple machines.
  + **V** Kids demonstrate their machines and explain how they can be used to save a community.
  + **P** Museum of Science and Industry Simple Machines online game <http://www.msichicago.org/fileadmin/Activities/Games/simple_machines/>

###### Library Design Challenge

* **P, R** Teen or adult challenge: (inspired by *Ellen’s Design Challenge* and *Flea Market Flip* on HGTV):
  + - **V** Scavenge vinyl sheeting, fabric, lumber, broken furniture.
    - Challenge teens to refurbish or design something for the teen section (storage, seating, shelving, etc.)

###### Building Blocks of Literacy Toddler/preK Storytime Series

* Recent research provides new insights and perspectives on the ways storytelling helps lay the best possible foundation for learning in the early childhood classroom. Develop a series of programs, each emphasizing one specific research finding OR on Read, Talk, Play, Write, Sing “Every Child Ready to Read” precepts. 3BGG puppets / act out / books / video / sing or rap it

###### Build-a-Tune

* **R** PreK: make simple rhythm instruments
* **P** “Music Shop” online game at *Daniel Tiger’s Neighborhood* pbskids.org/daniel/games/music-shop/
* **V, R** School-age: p. 193 program ideas
  + - make didgeridoos or other more complex instruments
    - OR build recycled outdoor music station (pic in picture file)
* Tweens: build kalimbas

###### Design-a-Monster

* + PreK: Make-a-Monster with shredded paper
  + School-age / tweens: collaborative, creative surprise!
  + **P** Design-a-Monster with pipe cleaners and beads: place a colander, various sizes of beads and pipe cleaners on a table along with a sample picture and an invitation to create a monster! http://seemommydoing.com/2012/09/26/keeping-kids-busy-pipe-cleaners-colander-and-beads/

**Building the World**

* Storytelling and Story Making for Schoolage and Tweens: Daddy Dragon
  + Read or tell some stories about landforms such as *Maui Goes Fishing* or *Finn McCool and the Giant’s Causeway.*
  + Challenge the participants to make up their own and share them. Tweens might be induced to develop a storytime for younger kids featuring their original stories!
  + **S** Make a Volcano! <http://happybrownhouse.com/simple-science-how-to-make-a-volcano-with-kids/> OR
  + **S** Graham Cracker tectonics at <http://thehomeschoolden.blogspot.com/2011/02/earth-science-plate-movements.html>
* Teens – see “Build Another World” p. 71 Alternate reality

**Protecting Our World**

* Tell “The Tailor” (see above), and challenge kids to think of X ways to recycle something: plastic bags, paper bags, plastic spoons, jeans…). Try the challenge as a relay, with each member of the team passing it to the next only after announcing a recycling option. Time the teams; award handmade trophies made from recycled materials: <https://mermaidscreations.wordpress.com/2012/04/28/6769/>
* Sponsor a Community Clean-Up Day, gathering trash and litter in a specified area (could perhaps be combined with a Story Walk with a conservation theme!) Give awards for heaviest bag of trash, stinkiest bag, etc.
* **P** *Science Kids* online game<http://www.sciencekids.co.nz/gamesactivities/recycling.html> **OR**
* **P** *NASA “*Climate Kids”<http://climatekids.nasa.gov/recycle-this/>
* Any of the activities marked **R**, such as…
  + **P, R** Making Paper Beads <https://www.rethinkrecycling.com/kids/fun-and-games/monthly-recycling-activites/make-your-own-paper-beads>
  + **P, R** Cardboard Tube Constructions <http://picklebums.com/cardboard-tube-construction/>
* Plus lots of ideas in manual: pp. 128-130

###### Build-a-Friend

* **V, R** PreK and K: Read Adam Relf’s *Fox Makes Friends*, then let everyone “make” a friend with found items.
* Pet Rocks!

**Build-a-Better…Series**

* **R, S** Family or School-age: Build a Better Game, Gingerbread House, Popcorn Sculpture, Paper Airplane, Kite, Ice Cream Sundae, Egg Parachute, Pretzel Log Cabin, Graham cracker house…
* **S** Teen: Build a Better Robot (p.110), Body, Computer Game, Book (p.64, 65), Meal (p.108) …
* Adults: Build a Better World, Future, Blog, YOU, Burger, Resume, Community p. 22-24…

**Building Peace** Two Goats on a Bridge -- ALL

* All ages! Share and discuss some stories from MacDonald’s *Peace Tales* to begin and end the program; find lots of games and activities at <http://www2.peacefirst.org/digitalactivitycenter/files/friendship_bingo.pdf>
* **P** “When you close your eyes and think of peace, what do you see?” Passive program idea <http://indulgy.com/post/9LBY3XND72/love-this-idea-mlkdaywhen-you-close-your-eyes-an>
* See also p. 47 Building Awareness

###### Building with Paper

* **V, R** PreK: Simple collages or paperbag hats, paperbag houses
* **V, S, R** School-age: designing and building paper airplanes and kites or paperbag puppets. See also Newspaper Towers (p.83), Newspaper Hats (p. 150), Paperbag Engineering (p. 151), Paperbag clothing (p 246)
* **S, R** Tweens and Teens: 3-D copiers! See also Cardboard challenges p. 89 & Cardboard Creation Station p. 91

**Construction Junction**

* School-age and Tweens write concrete poetry, participate in choral readings, tableaux, sound collage
* **P** See also Teen Chalk Poetry p. 63, Teen Blackout Poetry p. 98 <http://newspaperblackout.com/post/49266929693/more-blackouts-by-aaron-zenz-see-the-previous>

**Building Life Skills**

* Workshops for tweens and teens on important skills such as communication, collaboration, creative thinking and problem-solving. Check out *Youth Workin’ It* at <http://youthworkinit.com/> for activities, games, complete session plans.
* Building teamwork – “Knots” in Bany-Winters, Lisa. *Onstage: Theater Games and Activities for Kids*, p. 62.
* See also “Build a Better Outlook” p 49 & “Relationships” p. 135

###### Building Bridges, Dams and Fences

* **V, S** PreK-K: Read Seeger’s *Abiyoyo Returns*; kids work together to build a *dam with clay* and rocks
* **V, S** School-age: Tell “Three Billy Goats Gruff” and challenge the kids to build a bridge strong enough to hold the Biggest Goat. Check out DK’s *Kitchen Science* “Build a Bridge” chapter or

<http://www.pbs.org/wgbh/buildingbig/educator/act_suspension_ei.html> for help.

* + - * **S** See Also “Paper Bridges” and other bridge program ideas p. 85-87
* **S** Teen Bridge Contest – see p113
* Teen or Adult: Build StoryBridges: “A powerful way to cross the bridge from outsider to insider is to tell a story.” Dr. Indre Viskontas, Cognitive Neuroscientist.
  + - * Old Joe the Carpenter, RaceBridges, Children@theWell

###### Tools & Equipment

###### PreK: Johnny Had One Hammer, *Bulldozer Day, Are You My Mother?, Mike Mulligan, Robert the Builder*. Google “Construction songs and rhymes for preschoolers” for more! <https://www.pinterest.com/flannelfriday/construction/>

###### “Little Duck, Little Duck!” at <http://piperlovesthelibrary.blogspot.com/2015/01/flannel-friday-missing-duck-yikes.html>

###### V Arrange for big construction equipment to visit the library! See also “Construction Equipment Petting Zoo” p .241

###### P Thumbs – the Tools that Make Us Human! – *Ed Emberley’s Great Thumbprint Drawing Book* + washable inkpads, paper, pencils and wet wipes.

* **P, S, R** School-age, tweens, teens: De-Construction Junction -- take it apart and see how it works**!** Using old, donated tech items such as answering machines, broken computers, disk drives, telephones, blow dryers, etc., encourage school-age, tweens and teens to dissect these pieces to see what makes them work. <http://www.angiedweldon.com/2011/03/surprise.html>

###### Block Area

* **V, P, S** This theme demands a Block Area in your library! Can’t stand the noise? Find lots of ideas for *quiet* blocks and building materials such as Velcro playsticks at [https://www.pinterest.com/search/pins/?q=quiet%20building%20blocks&rs=typed&0](https://www.pinterest.com/search/pins/?q=quiet%20building%20blocks&amp;rs=typed&amp;0=quiet%7Ctyped&amp;1=building%7Ctyped&amp;2=blocks%7Ctyped)

###### [=quiet%7Ctyped&1=building%7Ctyped&2=blocks%7Ctyped](https://www.pinterest.com/search/pins/?q=quiet%20building%20blocks&amp;rs=typed&amp;0=quiet%7Ctyped&amp;1=building%7Ctyped&amp;2=blocks%7Ctyped)

###### P Place books in block area for inspirations, example: *Changes, Changes* by Pat Hutchins.

###### P *Frugal Fun4Boys* “Engineering Challenges” <http://frugalfun4boys.com/2016/05/08/engineering-challenges-clothespins-binder-clips-craft-sticks/>

###### P Straw construction challenge: throw a heap of straws on the table with tape and instructions to “make something – anything!” <http://beafunmum.com/2014/09/straw-construction-challenge/>

###### Jenga Night! A fun family event!

###### For more block-area know-how, go to: <http://www.pocketofpreschool.com/2016/06/how-to-set-up-blocks-center-in-early.html>

* **P** Online building games
  + *Learn4good* “Building Games” online/ free Construction games for kids to play on the internet for PC/ Mac with no download: Bridge building simulation games, house construction game, tower/ city building, fun 3D car games for young kids (boys & girls), educational activities, physics problem solving brain-teasers. <https://www.learn4good.com/games/building-construction.htm>
  + *Primary Games* “Construction Academy” <http://www.primarygames.com/arcade/skill/constructionacademy/>
  + *Minecraft* teen game night

###### Building Reputations see also p. 121

* Tweens and Teens: a program on the impact of cyber-bullying and spreading rumors
* Tell *Feathers* by Heather Forest
* Visit <http://www.stopbullying.gov/kids/games/games.html> for games and activities; also see the Youth Leader’s Toolkit at <http://www.stopbullying.gov/resources-files/youth-leader-toolkit.pdf>

###### Wrap It Up!

* Build for the Future: throughout the summer, children can participate in creating an environmentally-friendly sculpture that will be installed on the library grounds at the end of the summer. Enlist a local artist and the donations of local businesses to make this a reality!
* Or, in an ongoing passive program, kids can help collect and wash plastic bottles, then create the pieces for a Plastic Bottle Chihuly-inspired Chandelier! <http://www.artsonia.com/museum/art.asp?id=16508545&exhibit=470941&gallery=y>
* Or create pour sculptures ala Cape Girardeau
* Or collaborate on an offsite event, such as Habitat for Humanity site, a Bird or Animal Sanctuary – or a real-life construction site!

Build a Better World!