**2017 READING BY DESIGN**

**Summer Reading Bibliographies**

Pre-K Bibliography & Resources

Architecture/Building/Design/Engineering

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Hall, Michael. Perfect Square. Greenwillow Books, 2011.

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Other Resources

Resources for further reading on early learning and executive function skills:

Brain-Building Powerhouses: How Museums and Libraries Can Strengthen Executive Function Life Skills, Families and Work Institute in partnership with the Institute of Museum and Library Services and School Readiness Consulting, https://www.imls.gov/news-events/events/brain-building-powerhouses-how-museums-and-libraries-can-strengthen-executive.

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Wallace, Nancy Elizabeth. *Look! Look! Look! at Sculpture*. Marshall Cavendish, 2012.

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Baillett, Blue. *The Calder Game*. Scholastic Press, 2008.

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Mercer, Bobby. *The Flying Machine Book: Build and Launch 25 Rockets, Gliders, Helicopters, Boomerangs and More*. Chicago Review Press, 2012.

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Other Resources

Websites

discoverykids.com/games/room-maker

http://puzzlemaker.discoveryeducation.com/CrissCrossSetupForm.asp

http://puzzlemaker.discoveryeducation.com/WordSearchSetupForm.asp

http://www.printabledirect.com/blank-crossword-template.htm

http://www.studenthandouts.com/Assortment-01/Graphic-Organizers/Blank-Word-Search-Puzzle-Grid.html

scratch.mit.edu

STEAM Series: From Battery to Machine

Alessandro Volta: http://www.famousscientists.org/alessandro-volta/http://www.famousscientists.org/alessandro-volta/

Flashlight video: https://www.youtube.com/watch?v=rIdPfDHeROIhttps://www.youtube.com/watch?v=rIdPfDHeROI

Barlow’s Wheel: https://nationalmaglab.org/education/magnet-academy/watch-play/interactive/barlow-s-wheelhttps://nationalmaglab.org/education/magnet-academy/watch-play/interactive/barlow-s-wheel

Simple Engine videos: https://www.youtube.com/watch?v=ziWUmIUcR2khttps://www.youtube.com/watch?v=ziWUmIUcR2k

<https://www.youtube.com/watch?v=ziWUmIUcR2k>

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Ahnert, Petra. *Beeswax Alchemy: How to Make Your Own Candles, Soap, Balms, Salves and Home Décor from the Hive*. Quarry Books, 2015.

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Doudna, Kelly. *Super Simple Pressed Flower Projects: Fun and Easy Crafts Inspired by Nature.* Abdo Publishing Company, 2014.

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Hudgins, Victoria. *Materially Crafted: A DIY Primer for the Design-Obsessed.* Stewart, Tabori and Chang, 2015.

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Jenny, Tonia. *Duct Tape Discovery Workshop: Easy and Stylish Duct Tape Designs.* North Light Books, 2014.

Lindsay, Virginia Keleher. *Sewing to Sell: The Beginner’s Guide to Starting a Craft Business.*Stash Books,2014.

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Scicluna, Denise. *Rock Art!: Painting and Crafting with the Humble Pebble.* Barron’s Educational Services, Inc., 2015.

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**Fashion Design**

Barickman, Amy. *The Magic Pattern Book: Sew 6 Patterns into 36 Different Styles!* Workman Publishing Company, 2014.

Corrigan, Joyce. *Marie Claire Outfit 911: Fabulous Fixes for Every Fashion Emergency.* Hearst Books, 2012.

Dawber, Martin. *The Complete Fashion Sketchbook.* Batsford, 2013.

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Fogg, Marnie. *When Fashion Really Works.* Barron’s, 2013.

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**Game & App Design**

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Duggan, Michael. *Wii Game Creation for Teens*. Course Technology, 2010.

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Stanton, Richard. *A Brief History of Video Games: The Evolution of a Global Industry.* Running Press, 2015.

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**Improvisation**

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**Films**

*10 Things I Hate About You*

*13 Going on 30*

*Almost Famous*

*Ferris Bueller’s Day Off*

*Goonies*

*Hairspray*

*Lucas*

*Me and Earl and the Dying Girl*

*Nick and Norah’s Infinite Playlist*

*Pitch Perfect*

*Project Almanac*

*Scott Pilgrim vs. the World*

*She’s All That!*

*Sixteen Candles*

*Spare Parts*

*War Games*

*Weird Science*

**Other Resources**

**Websites**

**Follow Your Path**

http://www.teenlibrariantoolbox.com/files/2012/07/2d45b-toptrends2012.jpg

http://www.epicreads.com/blog/like-try-why-18/

https://www.flickr.com/photos/thedcdl/7748700532/

**Hungry Hippos**

https://www.youtube.com/watch?v=HeK\_w\_isazI

**Origami**

http://goorigami.com/single-sheet-origami/carambola-flowers/1847

**Paper Chains**

http://alisaburke.blogspot.com/2010/11/holiday-crafting-with-book-pages.html

**Paper Folding**

https://www.youtube.com/watch?v=Gm6kdGQit9g

http://blog.krrb.com/5-easy-pieces-recycled-book-art/.

**PIXEL: LED ART Frame**

ledpixelart.com https://groups.google.com/forum/#!forum/pixel-forumhttp://ledpixelart.com/support/

**Pushpin and Magnetic Art**

https://s-media-cache-ak0.pinimg.com/736x/99/2d/50/992d50add2285acdb07475d0af0d4270.jpg

https://s-media-cache-ak0.pinimg.com/736x/a6/9c/b9/a69cb9581debb3580ecbc0e43da034e5.jpg

**Role-Playing Games**

http://www.instructables.com/id/How-To-Make-Your-Very-Own-RPG-On-Paper/

**Straw Construction**

Balance Toy: http://pbskids.org/designsquad/build/balance-magic/

Geodesic Straw Sculptures: http://www.instructables.com/id/Straw-sculpture/

Model Straw Bridge: http://www.technologystudent.com/struct1/model1.htm

Straw Bridges: http://www.teachengineering.org/view\_activity.php?url=collection/cub\_/activities/cub\_brid/cub\_brid\_lesson01\_activity2.xml

Straw Tower Challenge: http://www.soinc.org/sites/default/files/StrawTowerChallenge.pdf Wind Turbine Tech Challenge: http://www.starnetlibraries.org/images/resources/6\_WindTurbine.pdf

**Videogame Art**

https://www.pinterest.com/pin/288441551108551211/

Adult Bibliography & Resources

Non-Fiction

Recycling/Upcycling Handicrafts and DIY

Bunde, Karah. *DIY Wood Pallet Projects: 35 Rustic Modern Upcycling Ideas to Personalize Your Space*. Adams, 2014.

Gleason, Chris. *Wood Pallet Projects: Cool and Easy-to-Make Projects for the Home and Garden*. Fox Chapel, 2013.

Haab, Sherri. *Jewelry Upcycled!: Techniques and Projects for Reusing Metal, Glass, Plastic, Fiber, and Found Objects.* Crown, 2011.

Hansen, Phil. *Tattoo a Banana: And Other Ways to Turn Anything and Everything into Art.* Perigee, 2012.

Lamb, Becky. *Crafting with Wood Pallets: Projects for Rustic Furniture, Decor, Art, Gifts and More*. Ulysses Press, 2015.

Laycock, Ellie. *Creating the Vintage Look: 35 Ways to Upcycle for a Stylish Home*. CICO Books, 2013.

Lebrun, Sandra. *T-shirt Yarn: Projects to Crochet and Knit.* Stackpole Books, 2014.

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Lidstrom, Clara. *Vintage Crafts: 75 Do-It-Yourself Decorating Projects Using Candles, Colors, and Other Flea Market Finds.* Skyhorse, 2013.

Montilone, Jenelle. *The Upcycled T-shirt: 28 Easy-to-Make Projects That Save the Planet: Clothing, Accessories, Home Decor & Gifts*. Stash Books, 2015.

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Fiction

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Szado, Ania. *Studio Saint-Ex*. Knopf, 2013.

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Wiles, Will. *Care of Wooden Floors*. Houghton Mifflin Harcourt, 2012.

Film: Documentaries

*Dior and I* (2014)

*Helvetica* (2007)

*If You Build It* (2013)

*My Architect* (2004)

*Objectified* (2009)

*The September Issue* (2009)

*Sketches of Frank Gehry* (2006)

*Unfinished Spaces* (2011)

*Valentino: The Last Emperor* (2008)

Film: Fiction

Artists / Architects

*Andrei Rublev* (1966)

*Basquiat* (1996)

*The Belly of an Architect* (1987)

*Camille Claudel* (1988)

*Chi-hwa-seon,* aka *Painted Fire* (2003)

*The Danish Girl* (2015)

*Frida* (2003)

*The Fountainhead* (1949)

*Klimt* (2006)

*Mr. Turner* (2014)

*Pollock* (2000)

*Séraphine* (2008)

*Vincent & Theo* (1990)

Fashion

*Blow-Up* (1966)

*Coco Before Chanel* (2009)

*The Devil Wears Prada* (2006)

*Funny Face* (1957)

*Zoolander* (2001)

Movies with Memorable Set Design/Costume Design

*Amadeus* (1984)

*Amelie* (2001)

*Avatar* (2009)

*Batman* (1989)

*Blade Runner* (1982)

*Bram Stoker’s Dracula* (1992)

*Breakfast at Tiffany’s* (1961)

*Cinderella* (2015)

*Cleopatra* (1963)

*Clockwork Orange* (1971)

*The Great Gatsby* (2013)

*The Hunger Games* (2012)

*The Matrix* (1999)

*Memoirs of a Geisha* (2005)

*Metropolis* (1927)

*Moulin Rouge* (2001)

*My Fair Lady* (1964)

*Pan’s Labyrinth* (2006)

*The Royal Tenenbaums* (2001)

*Star Wars* (1977)

*Vertigo* (1958)

*The Wizard of Oz* (1939)

Magazines

*Architectural Digest*

*Cloth Paper Scissors*

*Domino*

*Dwell*

*Elle*

*Elle Decor*

*Harper’s Bazaar*

*Interweave Knits*

*Make*

*Popular Woodworking*

*This Old House*

*Threads*

*Traditional Home*

*Vogue*

*Woodsmith*

*Woodworker’s Journal*

Other Resources

3-D Printing

Autodesk 123d: http://www.123dapp.com/

Shapeways: http://www.shapeways.com/

SketchUp: www.sketchup.com/

Thingiverse: http://www.thingiverse.com/

Tinkercad: https://www.tinkercad.com/

Coding, HTML, MOOC

Code Academy: https://www.codecademy.com/

Code.org/Hour of Code: code.org/

Coursera: https://www.coursera.org

edX: https://www.edx.org/

Khan Academy: https://www.khanacademy.org/

Scratch: scratch.mit.edu

Coloring Sheets

http://www.easypeasyandfun.com/free-coloring-pages-for-adults/

http://www.thecountrychiccottage.net/2015/07/25-free-adult-coloring-pages.html

http://www.everythingetsy.com/2015/08/printable-coloring-pages-for-adults-15-free-designs/

Crafts

Craftbits: http://craftbits.com/

Craftsy: http://www.craftsy.com/

Instructables: http://www.instructables.com/

Ravelry: http://www.ravelry.com/

Electronics Products/Resources

Arduino: www.arduino.cc

Light show instructions: www.instructables.com/id/How-to-Make-LEDs-Flash-to-Music-with-an-Arduino/?ALLSTEPS

Battery charger instructions: pop.h-cdn.co/assets/cm/15/06/54cfd844316eb\_-\_arduino\_project6.pdf

Raspberry Pi Starter Kit: www.raspberrypi.org

SparkFun Electronics: www.sparkfun.com/products/1316

Home Design

Design\*Sponge: http://www.designsponge.com/

Homestyler: http://www.homestyler.com/

Houzz: http://www.houzz.com/

Space Designer 3D: https://www.spacedesigner3d.com/en/

NLOB

Cornerstone Community Outreach: www.ccolife.org

NLOB e-mail: joinnlob@gmail.com

NLOB handout and info: http://bit.ly/1plmNHw

NLOB group: www.facebook.com/groups/279105597973

NLOB group Plainfield: https://www.facebook.com/NlobPlainfieldIl/

Podcasts

99% Invisible: http://99percentinvisible.org/

Archispeak: http://archispeakpodcast.com/

American Fashion podcast: http://fashionmediacenter.com/afpod/

The Chaise Lounge podcast: http://thechaiseloungepodcast.com/

ModTV Fashion Video Podcast: http://www.mod-tv.com/podcast/

Project and Informational Resources

Colleen Graves (librarian): colleengraves.org

Instructables: www.instructables.com

Make It @ Your Library: makeitatyourlibrary.org

Make Magazine: makezine.com

Maker Jawn: makerjawn.org

MakerEd: makered.org

Makerspace: makerspace.com

Renovated Learning: renovatedlearning.com

Ted Talks

https://designschool.canva.com/blog/50-must-see-ted-talks-creativity-design/