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# Slideshows from Sessions and Workshops

* [The Future of Education - PDF](https://www.dropbox.com/s/qirtumfrpk7sh55/Australia%20-%20Future%20of%20Education.pdf?dl=0)
* [The Future of Education - Keynote](https://www.dropbox.com/s/shl99z8737iz7ks/Australia%20-%20Future%20of%20Education%20Slideshow.key?dl=0)
* [Taking Inquiry to the Next Level - PDF](https://www.dropbox.com/s/oytmnsmik63r7aq/Australia%20-%20Inquiry.pdf?dl=0)
* [Taking Inquiry to the Next Level - Keynote](https://www.dropbox.com/s/c2oqrz5ak8wvsli/Australia%20-%20Inquiry.key?dl=0)
* [Maximizing Student Engagement with Flow Theory - PDF](https://www.dropbox.com/s/xjpqqfylrszteb6/Australia%20-%20Maximize%20Engagement%20with%20Flow%20Theory.pdf?dl=0)
* [Maximizing Student Engagement with Flow Theory - Keynote](https://www.dropbox.com/s/yqbawcxvgwrflwh/Australia%20-%20Maximize%20Engagement%20with%20Flow%20Theory.key?dl=0)
* [How do we assess creativity? - PDF](https://www.dropbox.com/s/xn6nr2dzmnne02l/Australia%20-%20Assess%20Creativity.pdf?dl=0)
* [How do we assess creativity? - Keynote](https://www.dropbox.com/s/iq4448u12z1bjog/Australia%20-%20Assess%20Creativity.key?dl=0)
* [Empower Students - PDF](https://www.dropbox.com/s/fcrolf8f1f5gark/Australia%20-%20Empower.pdf?dl=0)
* [Empower Students - Keynote](https://www.dropbox.com/s/4xgcphhyic7cp3g/Australia%20-%20Empower%20Slideshow.key?dl=0)

# Creating Sketch Animation Videos

* Check out the [blog post here](http://www.spencerauthor.com/how-i-create-sketch-animation-videos/), where I show the process
* Check out the [resource here](https://drive.google.com/file/d/1iP_BpPQh8KgWuXiROuIAKXuE1Drmr2s4/view?usp=sharing)

# Project-Based Learning Resources

* Tools and Resources
  + [PBL Toolkit (John Spencer)](https://drive.google.com/file/d/1Lr2EMFQoJQfcx2NqMG4uMreWkn2IQf4L/view?usp=sharing)
  + [Project Based Learning Toolkit (Sue Beckingham)](https://project-based-learning-toolkit.com/)
  + [Student Handouts (Buck Institute for Education)](https://www.bie.org/objects/cat/student_handouts)
  + [Hacking PBL Course: Hacking PBL (Ross Cooper and Erin Murphy)](https://rosscoops31.com/2018/01/04/hackingpblcourse/)
* Sample Projects
  + [Divergent Thinking Mini-Project](https://www.dropbox.com/s/samzreljqsouxa7/Divergent%20Thinking%20Mini-Project.zip?dl=0)
* Blog Posts
  + [Getting Started with Project-Based Learning](https://www.edutopia.org/blog/project-based-learning-getting-started-basics-andrew-miller) - By Andrew Miller
  + [How Do Our Learning Beliefs and Project Based Learning Intersect?](http://www.blendeducation.org/courses/271507/lectures/How%20Do%20Our%20Learning%20Beliefs%20and%20Project%20Based%20Learning%20Intersect?) - By Ross Cooper
  + [Ten Things That Happen When Students Engage in Project-Based Learning](http://www.spencerauthor.com/10-things-happen-students-engage-project-based-learning/) - By John Spencer
  + [The Seven Biggest Lies that Keep Teachers from Implementing Project-Based Learning](http://www.spencerauthor.com/7-lies-project-based-learning/) - By John Spencer
  + [What Is Project Based Learning?](https://www.bie.org/about/what_pbl) - Buck Institute for Education
  + [Genius Hour in Elementary School](https://www.edutopia.org/article/genius-hour-elementary-school) - By Meshelle Smith
  + [Ten Reasons to Try Genius Hour This Year](http://ajjuliani.com/try-genius-hour/) - By AJ Juliani
  + [The Complete Guide to Genius Hour and 20% Time](http://ajjuliani.com/20-time-guide/) - By A.J. Juliani
  + [Your Top Ten Genius Hour Questions Answered](https://www.cultofpedagogy.com/genius-hour-questions/) - By Jennifer Gonzalez
  + [7 Lies That Keep Teachers from Implementing Project-Based Learning](http://www.spencerauthor.com/7-lies-project-based-learning/) - By John Spencer
  + [How to Actually Do Project Based Learning](http://ajjuliani.com/actually-project-based-learning/) - By A.J. Juliani
  + [Debunking Five Myths About Project Based Learning](https://www.edutopia.org/blog/debunking-five-pbl-myths-john-larmer) - By John Larmer
  + [Five Ways to Avoid Project Based Learning Fluff](https://rosscoops31.com/2016/10/18/5-ways-avoid-project-based-learning-fluff-hackingpbl/) - By Ross Cooper
  + [How do you teach to the standards when doing PBL?](http://www.spencerauthor.com/standards-and-pbl/) - By John Spencer
  + [Yes, Learning Targets Can Make Our Lives Easier](https://rosscoops31.com/2017/11/21/learningtargets/) - By Ross Cooper
  + [Inclusive Special Education via PBL](https://www.bie.org/blog/inclusive_special_education_via_pbl) - by Kristen Uliasz
  + [Full PBL Inclusion: Ensuring Deep Learning for My Special Education Students](http://www.p21.org/news-events/p21blog/1753-full-pbl-inclusion-ensuring-deeper-learning-for-my-special-education-students) - by Sergio Hernandez
  + [Designing Group Projects So Everyone Participates](http://www.spencerauthor.com/designing-group-projects-everyone-participates/) - By John Spencer
  + [What Are the Best Practices for Designing Group Projects?](https://www.cmu.edu/teaching/designteach/design/instructionalstrategies/groupprojects/design.html) - Carnegie Mellon University
  + [Helping Introverts Thrive in Collaboration](http://www.spencerauthor.com/introverts-collaboration/) - By John Spencer
  + [The Roadmap for Collaborative Projects](http://www.spencerauthor.com/road-map-collaborative-projects/) - By John Spencer
* Videos
  + [What is project-based learning?](https://www.youtube.com/watch?v=crMM4z3oKmQ)
  + [Project-Based Learning Explained (Buck Institute for Education)](https://www.youtube.com/watch?v=LMCZvGesRz8)
  + [Introduction to Project Based Learning](https://www.youtube.com/watch?v=08D0dBGIzYQ)
* Books on Project-Based Learning
  + [PBL Starter Kit](https://amzn.to/2LSzTXS): this is the definitive book on project-based learning from the highly-respected Buck Institute
  + [Hacking Project-Based Learning](https://amzn.to/2N652f9): this is a fast read with some great insights

# Design Thinking Resources

* Tools and Resources
  + [Design Thinking Toolkit for Teachers (John Spencer)](https://www.dropbox.com/s/2s0trqgj3br46rs/Design%20Thinking%20Toolkit.zip?dl=0)
  + [Design Thinking for Teachers Toolkit (IDEO)](https://designthinkingforeducators.com/toolkit/)
  + [An Educator’s Guide to Design Thinking (Stanford d.school)](https://dschool-old.stanford.edu/sandbox/groups/k12/wiki/14340/attachments/e55cd/teacher%20takeaway.pdf?sessionID=8cbdfc6129ceb041dbad2247ffc9d0112fd0ebce)
  + [Sample Unit Plan (it’s inside the Design Thinking Toolkit)](https://www.dropbox.com/s/2s0trqgj3br46rs/Design%20Thinking%20Toolkit.zip?dl=0)
* Sample Project
  + [Tiny House Project](https://www.dropbox.com/s/ek1knwdqrxqekne/Tiny%20House%20Project.zip?dl=0)
* Blog Posts
  + [Getting Started with Design Thinking (John Spencer)](http://www.spencerauthor.com/design-thinking/)
  + [How to Get Started Using Design Thinking in the Classroom](http://ajjuliani.com/how-to-get-started-using-design-thinking-in-the-classroom/) - By AJ Juliani
  + [The Educator As a Design Thinker](https://usergeneratededucation.wordpress.com/2014/08/27/the-educator-as-a-design-thinker/) - By Jackie Gerstein
  + [Design Thinking Can Work in any Subject Area](http://www.spencerauthor.com/design-thinking-can-work-subject/) - by John Spencer
  + [What is design thinking?](https://www.edutopia.org/what-is-design-thinking-for-educators) By Edutopia
  + [Empowering Students with Design Thinking](https://www.edutopia.org/blog/empowering-students-with-design-thinking-thomas-riddle) - By Thomas Riddle (not to be confused with Volde -- er . . . I mean . . . he-who-must-not-be-named)
  + [Design Thinking Can Begin Anywhere](http://www.spencerauthor.com/great-design-can-begin-anywhere-6-starting-places-for-design-thinking/) - By John Spencer
  + [10 Things That Happen When Students Use Design Thinking](http://www.spencerauthor.com/ten-things-that-happen-when-kids-engage-in-design-thinking/) - by John Spencer
* Videos
  + [Design Thinking TED Talk (Tim Brown)](https://www.ted.com/talks/tim_brown_urges_designers_to_think_big?language=en)
  + [What is design thinking? (Sean VanGenderen)](https://www.youtube.com/watch?v=a7sEoEvT8l8)
  + [The LAUNCH Cycle (John Spencer)](https://www.youtube.com/watch?v=LhQWrHQwYTk)
  + [How It Works: Design Thinking (IBM Think Academy)](https://www.youtube.com/watch?v=pXtN4y3O35M)
  + [Stanford d.School webinar on Design Thinking](https://www.youtube.com/watch?v=vSuK2C89yjA)
  + [Brainstorming Process](https://www.youtube.com/watch?v=GLpZ6RZHyoM) by John Spencer
  + [Critical Research Process](https://www.youtube.com/watch?v=xf8mjbVRqao&t=3s) by John Spencer

# Inquiry-Based Learning

* Sample Project
  + [Wonder Day / Wonder Week Project](https://www.dropbox.com/s/9015lwa6lyzp2vd/Wonder%20Day%20and%20Wonder%20Week.zip?dl=0)
* Blog Posts
  + [4 Levels of Inquiry](https://inquiryineducation.wordpress.com/4-levels-of-inquiry/) - Inquiry in Education
  + [Using a Wonder Week Project to Spark Student Inquiry](http://www.spencerauthor.com/wonder-week) - By John Spencer
  + [What the Heck Is Inquiry-Based Learning?](https://www.edutopia.org/blog/what-heck-inquiry-based-learning-heather-wolpert-gawron) - By Heather Wolpert Gawron
  + [How to Help Students Ask Better Questions By Creating a Culture of Inquiry](http://www.spencerauthor.com/ask-better-questions/) - By John Spencer
  + [8 Strategies to Help Students Ask Great Questions](https://www.teachthought.com/critical-thinking/8-strategies-to-help-students-ask-great-questions/) - By Terry Heick
  + [The Question Formulation Technique](https://www.scilearn.com/blog/6-steps-to-help-students-ask-better-questions) - By Sherrelle Walker
* Videos
  + [John Hattie on Inquiry-Based Learning](https://www.youtube.com/watch?v=YUooOYbgSUg) and the problem of introducing it too early
  + [What is inquiry-based learning?](https://www.youtube.com/watch?v=QlwkerwaV2E) - by John Spencer
  + [Inquiry-Based Learning: Developing Student-Driven Questions](https://www.youtube.com/watch?v=OdYev6MXTOA) - by Edutopia
  + [Inquiry-Based Learning: From Teacher-Driven to Student-Driven](https://www.youtube.com/watch?v=mAYh4nWUkU0) - by Edutopia
  + [What is inquiry-based learning?](https://www.youtube.com/watch?v=u84ZsS6niPc&t=11s) - by Scott Crumbie

More Resources:

* [Writing Prompts](https://www.dropbox.com/home?preview=Writing+Prompts.zip)