The Padagogy Wheel V3.0

V3.0: Learning Design starts with Graduate Attributes, Capabilities and Motivation

This is the blog post which explains the new features of the latest version of the Wheel

Video: *The Puzzle of Motivation*

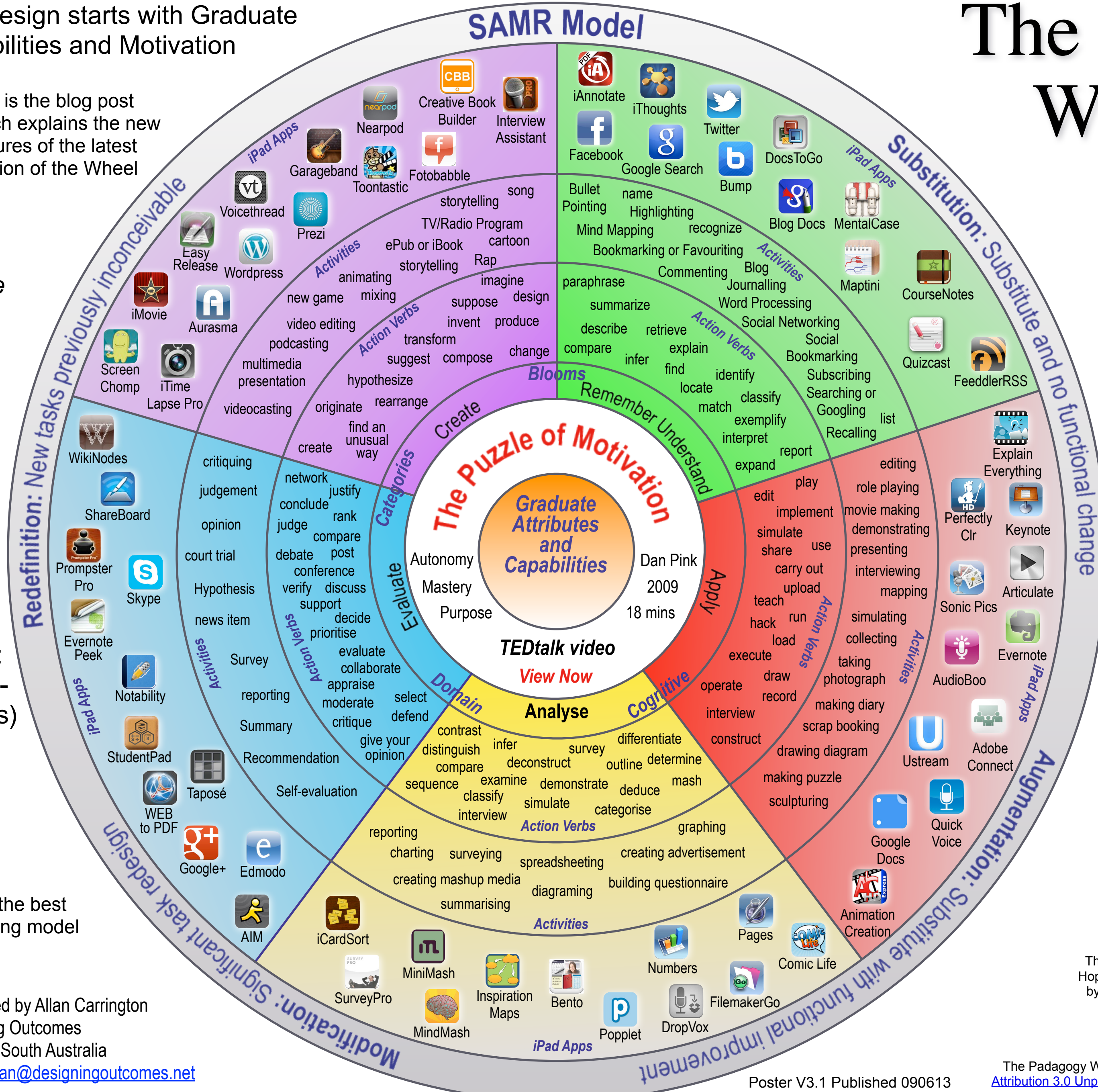Watch the Dan Pink TEDtalk YouTube video

How to use the Padagogy Wheel: It's All About Grey-matter Grids (GGs)

A methodology to get the best results with this teaching model

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The Padagogy Wheel (circular diagram)

SAMR Model

- Redefinition: New tasks previously inconceivable
- Substitution: Substitute and no functional change
- Augmentation: Substitute with functional improvement
- Modification: Significant task redesign
- Modification: Substitute with functional improvement

Bloom's Categories (Domains): Create, Evaluate, Analyse, Apply, Understand, Remember

Center: The Puzzle of Motivation — Graduate Attributes and Capabilities — Dan Pink 2009 18 mins — Autonomy, Mastery, Purpose — TEDtalk video — View Now

Create — Action Verbs: design, produce, change, invent, imagine, compose, suggest, transform, hypothesize, rearrange, originate, find an unusual way, create, videocasting, multimedia presentation, podcasting, video editing, new game, animating, mixing

Create — Activities: storytelling, song, TV/Radio Program, cartoon, ePub or iBook, Rap, storytelling

Create — iPad Apps: Creative Book Builder, Interview Assistant, Nearpod, Garageband, Fotobabble, Toontastic, Voicethread, Prezi, Easy Release, Wordpress, iMovie, Aurasma, Screen Chomp, iTime Lapse Pro

Evaluate — Action Verbs: justify, rank, compare, post, conference, discuss, verify, support, decide, prioritise, evaluate, collaborate, appraise, moderate, critique, select, defend, give your opinion

Evaluate — Activities: critiquing, network, judgement, conclude, opinion, judge, debate, court trial, Hypothesis, news item, Survey, reporting, Summary, Recommendation, Self-evaluation

Evaluate — iPad Apps: WikiNodes, ShareBoard, Prompster Pro, Skype, Evernote Peek, Notability, StudentPad, Taposé, WEB to PDF, Google+, Edmodo, AIM

Analyse — Action Verbs: contrast, distinguish, compare, examine, sequence, classify, interview, infer, deconstruct, demonstrate, simulate, survey, outline, determine, mash, deduce, categorise, differentiate

Analyse — Activities: reporting, charting, creating mashup media, summarising, surveying, spreadsheeting, diagraming, graphing, creating advertisement, building questionnaire

Analyse — iPad Apps: iCardSort, SurveyPro, MiniMash, MindMash, Inspiration Maps, Bento, Popplet, DropVox, FilemakerGo, Numbers, Pages, Comic Life, Animation Creation

Apply — Action Verbs: edit, implement, simulate, share, use, carry out, upload, teach, run, hack, load, execute, operate, interview, construct, draw, record, play, role playing, movie making, demonstrating, presenting, interviewing, mapping, simulating, collecting, taking photograph, making diary, scrap booking, drawing diagram, making puzzle, sculpturing

Apply — iPad Apps: Explain Everything, Perfectly Clr, Keynote, Sonic Pics, Articulate, Evernote, AudioBoo, Ustream, Adobe Connect, Google Docs, Quick Voice

Understand — Action Verbs: paraphrase, summarize, describe, compare, infer, retrieve, find, explain, locate, identify, match, classify, exemplify, interpret, report, expand

Understand — Activities: Commenting, Blog, Journalling, Word Processing, Social Networking, Social Bookmarking, Subscribing, Searching or Googling, Recalling, list

Remember — Action Verbs / Activities: Bullet Pointing, name, Highlighting, Mind Mapping, recognize, Bookmarking or Favouriting

Remember — iPad Apps: iAnnotate, iThoughts, Twitter, Facebook, Google Search, Bump, DocsToGo, Blog Docs, MentalCase, Maptini, CourseNotes, Quizcast, FeeddlerRSS

Graduate Attributes & Capabilities

Requested by CEO's and executives .... the people that hire, what they desire to see in graduates from higher education.

- Having energy, passion and enthusiasm
- Being willing to give credit to others
- Empathising & working productively with diversity
- Being transparent and honest in dealings with others
- Thinking laterally and creatively
- Being true to one's values and ethics
- Listening to different points of view before coming to a decision
- Understanding personal strengths & limitations
- Time management skills
- Persevering
- Learning from errors
- Learning from experience
- Remaining calm when under pressure
- Being able to make effective presentations to different groups
- Identifying from a mass of information the core issue/opportunity

These are some of the capabilities that should be identified as part of our graduate attributes and woven into the fabric of our courses in the activity design. We need to have transformation at the core of what we do as teachers, if it is all about the students. Don't jump into learning outcomes, activity design and choosing technology without first reflecting on graduate attributes and capabilities then how to improve motivation and engagement. Miss these and your course design will be weaker for it.

Please visit the blog post and listen to the podcast episode at:

"If you exercise these capabilities.. you will be employed!"

Standing on the Shoulders of Giants

This Taxonomy wheel, without the apps, was first discovered on the website of Paul Hopkin's educational consultancy website mmiweb.org.uk. That wheel was produced by Sharon Artley and was an adaption of Kathwohl and Anderson's (2001) adaption of Bloom (1956). The idea to further adapt it for the pedagogy possibilities with mobile devices, in particular the iPad, I have to acknowledge the creative work of Kathy Schrock on her website Bloomin' Apps.

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