```
communication
                                                      fantasies
                                                        stories
                                                  tools and art
                                                   superstition
                                                                  universals
                                             religion and magic
                                               play and games
                                                                                                                                                  automation
                                    differences over similarities
                                                                                                                                                  collaboration
                                     quick reactions to patterns
                                                                                                                                                 emergence
                                            vendetta and more
                                                                                                                                                 group vs. individual
                                       reading and writing
                                                                                                                                                  scale
                           deductive abstract mathematics
                                                                                                                                                  game theory (non-zero sumness)
                                      model based science
                                                                               Alan Kay cultural ideas
                                                                                                                                                  programming languages fuse math and language
                                              equal rights
                                                                                                                                                 historical lessons from the printing press
                                                                                                                                     big ideas
                                               democracy
                                                                                                                                                  reflection, recursion, self-reference, macros, fractals
                                      perspective drawing
                                                              non-universals
                                                                                                                                                  economics of knowledge, especially of code
                                        theory of harmony
                                                                                                                                                  ethics
                                similarities over differences
                                                                                                                                                 human-centered design
                                        slow deep thinking
                                                                                                                                                 coupling
                                               agriculture
                                                                                                                                                 logo
                                             legal systems
                                                                                                                                                 messaging
arguments, not narratives, which defy liniar representation
                                                                                                                                                 ephemeralization
                             chaos theory
                                                                                                                                                              consultancy
                                                          since 17th century
                         complex systems
                                             examples
                                                                                                                                                              crft.us (computational resources for teaching
                                                                                                                                     specific business ideas
                      simulation modeling
                                                                                                                                                              edupunk franchise
                                                                                                         computational education
vanishingly few are fluent in these forms of communicatio
                                                                                                                                                             flying turtles (or sea turtles?)
                                              current standards and testing
                                                                                                                                                             X System lessons in telecommunications and secrecy
                                                     misunderstood history
                                                                                                                                                             conic sections
                                                       schools of education
                                                                                                                                                             distributed version control
                                                                                obstacles to adoption
             sate-by-state standards prevent national comparison or adoption
                                                                                                                                                             html as preferred document format
                                             IT support severely under funded
                                                                                                                                     specific project ideas
                                                                                                                                                             collaborative asset mapping
                                 applications-centered technology instruction
                                                                                                                                                             volunteer hours tracking
                                                                                       etoys
                                                                                                                                                             cybercorp
                                                                                     scratch
                                                                                                                                                             executable documentation
                                                                                 agentsheets
                                                                                                                                                             compile student projects to iphone or android apps
                                                                                       kodu
                                                                                                                                                                 growth of polygons
                                                                                     Alice3D
                                                                                                                                                                 drive a car, position, velocity, accelleration
                                                                                  ClickTeam
                                                                                                                                                                 galileo's experiments with gravity - understanding and modeling
                                                                                 GameMaker
                                                                                                                                                                 leonardo's experiments with perspectival windows
                                                                   Project Fun Editor (DigiPen)
                                                                                                                                     lesson or workshop ideas
                                                                                                                                                                 von Koch snowflake, don't repeat yourself, fractals, significant digit
                                                                                  MCW Logo
                                                                                                                                                                 simulate flocks, schools, herds, and hives
                                                                               LEGO robotics
                                                                                               tools
                                                                                                                                                                 simulate prisoner's dilema -- add communication and trust
                                                                                mathematica
                                                                                                                                                                 build your own 3d printer
                                                                               wolfram alpha
                                                                                   Sketchup
                                                                                common lisp
                                                                                    OpenGL
                                                                                   DrScheme
                                                                                git, mercurial
                                                                            github, bitbucket
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wiki

language