

Competencies for Minecraft, Lego, Settlers of Catan and League of Legends (Inspiring Ed AB ED 2014)

*Competency	Playing " <i>Minecraft</i> "	Playing with "Lego"	Playing " <i>Settlers of Catan</i> " Board Game	Playing "League of Legends" Video Game
Knows how to learn	Get models for building new things. No built-in instructions. Must work with interface to experiment.	Learn which blocks fit together the best.	Learn how to read game instructions.	
Can apply critical thinking	Make decisions such as where to put the floor plan - can't be next to the forest.	Apply building to a mental conceptual plan. Must figure out how to make structure strong.	Plan where to put settlements and roads to maximize resources.	
Can identify and solve problems	Learn how to manage resources.	Must figure out how to make corners and rounded pieces.	Figure out how to get resources when the dice is not giving them to you	Make decisions on how best to meet a mission. Set priorities on what to carry. Learn efficiency to manage inventory.
Can manage information effectively	Use and find online guides for information and building recipes.	Use the internet to seek out instructions.	Decide what the next move is - build a road, settlement or trade?	Decision-making under time pressure.
Can innovate through creativity	Create a world. Learn to build parts of structure to solve a problem.	Create anything.	Invent new ways of negotiating with other players.	
Knows how to create opportunities	Help each other through in-game talk.	Can play in groups or alone. Can engage in imaginary play with build items. Can make movies with the items and a camera.	Find ways of acquiring ports.	
Can apply multiple literacies of math, reading, writing, language and listening	Learn about perimeter and area. Speak to players outside game through writing. Need to estimate how many blocks required for a structure. Reading required for online guides.	Apply spatial geometry and math skills reading instruction sheets. Can count block size by numbers (2X4's) and number of blocks needed for projects. Can read Lego forums.	Read game instructions.	Sell to shop-keepers and learn math and economics. Gain writing and literacy skills through player messages.
Can communicate and work cooperatively with other people	Learn not to wreck others things.	Negotiate with others for pieces.	Negotiate with others for resources.	Learn team effectiveness skills to work on common goals. Commitment skills practiced.
Possesses global and cultural understanding	Learn about scarce resources and how to conserve.	Express ideas in models.	Learn about resource management.	World cyber games hosts teams from many countries.
Is able to apply career and life skills	Obtain tools. Must work for stuff Must build many walls to ward off creatures before one can mine again.	Enjoy creation. Learn how to clean up.	Enjoy a well-played game. Learn how to accept defeat graciously.	Learn team commitment (40 minute games), schedule management and work ethic.