Gen Z Characteristic		Notes
Prefer Problem Solving		
Risk Averse		
Surface Reading		
High Rates Mood Disorders		
Need for Speed		
Multi-Tasking		
Short Attention Spans		
Prefer Graphic Images		

Notes, Thoughts, Reflections

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Challenging Teaching Situations	. Possible Strategies
It seems like every time you outline the instructions for a small group activity, no one is listening. They nod their heads and say they don't have any questions, but as soon as they get into their groups, the hands start going up and you have to repeat the instructions all over again. It's such a waste of time! **What can you do?**	
Many of the students in your TTH morning class do not participate during class discussions. They complete homework, pay attention, take notes, and are successful on assessments. Since the course is more enriching when a variety of perspectives are heard, you really want more participation. They just seem so timid. **What can you do?**	
This semester it seems like many of your students are not really reading the materials you assign. They arrive in class and have a general understanding of the *who, what, when, where*, but don't seem to really make inferences, grasp concepts, or make connections. **What can you do?**	
In one of your classes, you are seeing high rates of tardiness and absenteeism. A good number of students in this class don't seem engaged….in fact, they seem apathetic and uninterested no matter how hard you try to be enthusiastic and excited about course material. **What else can you do?**	
You love your 10am class this semester. The students arrive on-time, full of energy and enthusiasm. They interact with you as well as their peers and approach the course with positive attitudes. Lately, you have noticed that this energy has a downside for some of them. These students zip through activities and assignments and appear "antsy" to move onto the next step. Some of them even make their impatience obvious by sighing loudly, moving around, or, on one occasion, blurting out to their group members, "Let's speed it up!" **What can you do?**	
In one of your afternoon classes, students are constantly busy. They participate in the class, but they also check their cell phones, listen to headphones, complete homework for other classes, and use a personal laptop at the same time they are using the class computers. One of them told you that the younger people know how to multi-task better than members of previous generations. You don't really this is true, but you're not sure if you should intervene. **What should you do (if anything)?**	
The students in your MW 10am class are struggling with lectures. You've tried to be enthusiastic, but they still seem bored. You can literally see the class's attention start to waver as multiple students get a glazed look in their eyes, start checking their phones, and/or begin leaving the classroom to go to the restroom. **Is there anything you can do?**	
While lecturing, you notice that many of your students doodle instead of taking notes. You know they are listening because they make comments and answer questions. However, they don't they don't score well on open-note quizzes and they are struggling to retain the information covered in lectures. **What can you do to help them take better notes?**	

Gen Z Profile Scale

Directions: Read each statement in the context of your own daily activities. If you do it MOST or ALL OF THE TIME, place an X in the YES box; otherwise, mark the NO box.

In my daily activities: **YES**   **NO**

1. I function at high speed or close to it in everything I do ☐☐ ☐

2. I use a phone for most of my needs. ☐☐ ☐

3. I multitask easily with various technology. ☐☐ ☐

4. I respond quickly to messages. ☐☐ ☐

5. I use social media networks to stay connected. ☐☐ ☐

6. I prefer to learn by trial and error rather than to read a manual. ☐☐ ☐

7. I learn best by doing rather than reading or listening. ☐☐ ☐

8. It is difficult for me to stay focused during lectures or meetings. ☐☐ ☐

9. I prefer to text rather than talk on the phone or face-to-face. ☐☐ ☐

10. If I am not actively doing something, I get bored or impatient. ☐☐ ☐

11. I prefer visual, graphics, and images to just reading text material. ☐☐ ☐

12. I am good at skimming readings. ☐☐ ☐

References

Books

Barkley, E. F. (2010). *Student engagement techniques: A handbook for college faculty*. San Francisco, CA: Jossey-Bass.

Brown, Peter C., Henry L. Roediger III, & Mark A. McDaniel. (2014). Make *it stick: The science of successful learning*. Cambridge, MA: The Belknap Press of Harvard University Press.

Carnes, M. (2014). *Minds on fire: How role-immersion games transform college*. Cambridge, MA: Harvard University Press.

Carr, Nicholas. (2011). *The shallows*. New York: WW Norton & Company.

Cavanagh, S. R. (2016). *The spark of learning: Energizing the college classroom with the science of emotion*. Morgantown: West Virginia University Press.

Leslie, Ian. (2014). *Curious: The desire to know and why your future depends on it.* New York: Basic Books.

Palfrey, J. (2008). *Born Digital*. New York: Basic Books.

Small, G. & Vorgan G. (2008). *iBrain: Surviving the technological alteration of the modern mind.* New York: Harper.

Tapscott, Don. (2009). *Grown Up Digital: How the Net generation is changing your world*. New York: McGraw Hill.

Twenge, Jean M. (2017). *iGen: Why today's super-connected kids are growing up less rebellious, more tolerant, less happy—and completely unprepared for adulthood.* New York: Atria Books.

Weimer, Maryellen. (2013). *Learner centered teaching: Five key changes to practice,* 2nd edition. San Francisco: Jossey Bass, A Wiley Imprint.

Wolf, Maryanne. (2018). *Reader, come home: The reading brain in a digital world.* New York: Harper Collins.

Articles

Berk, R. (2009). Teaching Strategies for the Net Generation, *Transformative Dialogues: Teaching & Learning Journal, 3*(2), 1-24.

Bradbury, N. A. (2016). Attention span during lectures: 8 seconds, 1o minutes, or more? *Advances in Physiology Education*, 40 (4), 509-513.

Chronicle of Higher Education. (October 2018). "Teaching Generation Z" *Chronicle of Higher Education* Special Report.

Gooblar, David. (January 2019). "Is it Ever OK to Lecture?" *The Chronicle of Higher Education*. Retrieved from:

Griffey, Harriet. (October 2018). "The Lost Art of Concentration: Being Distracted in a Digital World." Retrieved from: https://www.theguardian.com/lifeandstyle/2018/oct/14/the-lost-art-of-concentration-being-distracted-in-a-digital-world

Immordino-Yang, Mary Helen and Antonio Damasio. (2007). "We Feel, Therefore We Learn: The Relevance of Affective and Social Neuroscience to Education." *International Mind, Brain, and Education Society Journal*.

Jabr, Ferris. (April 2013). "The Reading Brain in the Digital Age: The Science of Paper Versus Screens." *Scientific American*. Retrieved from: https://www.scientificamerican.com/article/reading-paper-screens/

Kahu, Ella R. (August 2011). "Framing Student Engagement in Higher Education." *Studies in Higher Education*.

Mangen, Anne and Adrian van der Weel (June 2016). "The Evolution of Reading in the Age of Digitisation: An Integrative Framework for Reading Research" *Literacy*. Retrieved from: https://onlinelibrary.wiley.com/doi/full/10.1111/lit.12086

Prensky, M. (2001a). "Digital natives, digital immigrants." On the Horizon, 9(5), 1-2.

Prensky, M. (2001b). "Digital natives, digital immigrants part 2: Do they really think differently?" *On The Horizon*, 9(6), 3-16.

Prensky, Marc. (2008). "Turning on the Lights." *Educational Leadership*. Retrieved from: http://www.ascd.org/publications/educational-leadership/mar08/vol65/num06/Turning-On-the-Lights.aspx

Sukovic, Susana. (Oct 2015). "Transliterate Reading." *Scholarly and Research Communication,*

Supiano, Beckie. (Nov 2018). "Colleges Teach Students How to Think. Should They Also Teach Them How to Thrive?" *The Chronicle of Higher Education*, (November 2018).

Thompson, P. (2015). "How Digital Native Learners Describe Themselves," *Education and Information Technologies*, Volume 20, No.3.

Turkle, Sherry. (April 2012). "The Flight from Conversation." *New York Times*. (April 2012). Retrieved from: https://www.nytimes.com/2012/04/22/opinion/sunday/the-flight-from-conversation.html

Turner, Anthony. "Generation Z: Technology and Social Interest." *The Journal of Individual Psychology,* Vol.71, No. 2, (Summer 2015).

Walsh, Gemma. "Screen and Paper Reading Research—a Literature Review." *Australian Academic & Research Libraries* (2016).