Meeting the NETS for Teachers Prerequisite Standards
NETS-T Pre-Admission Competencies Verification

Students will complete the pre-admission competency verification to identify your strengths or weaknesses based on national standards. This assessment will verify your technology competencies on the new NETS-T (National Educational Technology Standards for Teachers). The assessment includes artifacts and reflection that demonstrates your competency with the ISTE NETS-T standards as you prepare for the Technology Facilitation Endorsement and admission to the IT Master's Program. Students pursuing the eLearning certificate only are exempt from this assignment.

The NETS for Teachers were originally released in 2000, following the acclaimed NETS for Students (NETS-S) in 1998, which set the bar for integration of technology in education. The NETS-T 2000 defined the fundamental concepts, knowledge, skills, and attitudes for applying technology in educational settings.

Rapid advances in technology are putting new demands on educators and students. ISTE launched a refresh of the NETS-T in 2007 and unveiled the new NETS-T in 2008. The refreshed ISTE NETS will provide a framework for educators to use as they transition schools from Industrial Age to Digital Age places of learning.

For each of the 5 standards, you will demonstrate your competency through an artifact that meets the standard as well as a reflection showing your understanding of how to apply the standards in your workplaces. Application of these standards is a core skill needed as facilitators in your districts.

Create your documentation using a web-based technology like a wiki or GoogleSites:
1. Reflection on each of the 5 standards with a supporting artifact showing your competency with the standard and indicator(s).
2. Your reflection should include a complete description of how the artifact supports the standard.

National Educational Technology Standards for Teachers
COMPETENCIES VERIFICATION
ISTE Technology Standards & Performance Indicators for Educators (NETS-T)

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Directions: Read the main competency and the sub-competency. Think about your own skills and identify an artifact that shows your proficiency with the competency. Provide a description of the artifact here and comment on your strength or weakness in this area. Since this is an initial measure of your skills, do not worry if you do not have an artifact for each one. This exercise gets you thinking about these baseline standards. If you are not a teacher use the word "Learner" versus "Student", think about others you will be training or developing learning for. Decide if your competency with the standard approaches, meets or exceeds. Fill in the rubric score you think you should have. You will also document these artifacts on your wiki or a google site.

Artifacts		
1.Facilitate and Inspire Student Learning and Creativity *Teachers use their knowledge of subject matter, teaching and learning, and technology to facilitate experiences that advance student learning, creativity, and innovation in both face-to-face and virtual environments. Teachers:*		
a. promote, support, and model creative and innovative thinking and inventiveness. b. engage students in exploring real-world issues and solving authentic problems using digital tools and resources. c. promote student reflection using collaborative tools to reveal and clarify students' conceptual understanding and thinking, planning, and creative processes. d. model collaborative knowledge construction by engaging in learning with students, colleagues, and others in face-to-face and virtual environments.	**Provide a description of the artifact:** I created a 100 squares Word document to send to the students and post in my online classroom. The students were to use only 4 colors, white being counted as color to create a design or picture on the grid. The math component was to fill out the table at the bottom of the page. They were to list each color they used and give me the fraction, decimal and percentage equivalents of each color they used to create their design. They had 2 options to finish the assignment. 1. They could print it out and color using physical coloring devices. Scan the finished document and save to their computer or 2. They could use the tools provided in Word to color each square then type in the math information. They would save the completed document. Then they submitted the finished assignment to the drop box.	**Comments on your strengths or weaknesses**: I love using interactive activities. I believe art and music are important parts of the learning process at all levels. This helps students think creatively while using the software available to them. One of my weakness is that I find that there is not much time to find or design new activities to help keep the students engaged and excited about content. **Your Score _3_____** Approaches 1 Meets 2 Exceeds 3

Artifacts		
2.Design and Develop Digital-Age Learning Experiences and Assessments *Teachers design, develop, and evaluate authentic learning experiences and assessment incorporating contemporary tools and resources to maximize content learning in context and to develop the knowledge, skills, and attitudes identified in the NETS•S. Teachers:*		
a. design or adapt relevant learning experiences that incorporate digital tools and resources to promote student learning and creativity. b. develop technology-enriched learning environments that enable all students to pursue their individual curiosities and become active participants in setting their own educational goals, managing their own learning, and assessing their own progress. c. customize and personalize learning activities to address students' diverse learning styles, working strategies, and abilities using digital tools and resources. d. provide students with multiple and varied formative and summative assessments aligned with content and technology standards and use resulting data to inform learning and teaching.	**Provide a description of the artifact**: The artifact that reflects this standard is an interactive Word Document. I created guided notes to give to my students weekly to supplement our curriculum. This set of guided notes was filled out over 2 short weeks. The guided notes are divided into days of the week to correlate with the lesson pages in the LMS. The document has movable parts for matching, text boxes for typing and space to show work. Students could complete this before, during or after class. I encouraged the students to fill out the guided notes while reading the lessons pages before class, then have them open as I discussed the content for the day. This was a formative assessment for me to check understanding and a self-assessment for the students to see if they had understanding. This document was posted in my classroom, the math classroom, emailed to the students the day before class and pushed out to students during live sessions for those who had not found the document before class.	Comments on your strengths or weaknesses: There are many opportunities to use the Internet and external websites to help compliment the LMS curriculum that we use. My students are totally immersed in the virtual classroom. That is where they live for most of the day. I must create interactive documents and whiteboard activities to help match our content and the ability of my students. This is a challenge again because of the time it takes. **Your Score __3____** Approaches 1 Meets 2 Exceeds 3

Artifacts

3. Model Digital-Age Work and Learning
Teachers exhibit knowledge, skills, and work processes representative of an innovative professional in a global and digital society.
Teachers:

	Provide a description of the artifact:	**Comments on your strengths or weaknesses:**
a. demonstrate fluency in technology systems and the transfer of current knowledge to new technologies and situations. b. ==collaborate with students, peers, parents, and community members using digital tools and resources to support student success and innovation.== c. communicate relevant information and ideas effectively to students, parents, and peers using a variety of digital-age media and formats. d. ==model and facilitate effective use of current and emerging digital tools to locate, analyze, evaluate, and use information resources to support research and learning.==	Our team created many "How To" videos to share with parents and students, use in our classroom and embed in our homeroom web pages. These short videos explain all the different things that the students and parents need to know when taking the OST online tests. I also created a PowerPoint presentation for my students, explaining how to answer the math questions. The OST online has a key pad that looks like a calculator. This keypad is how you enter your answers, it is not a calculator. I used the presentation during intervention to help the students practice identifying which keys to push when entering numerical answers during the test.	Our online community is all about collaboration. I have never found a better group of teacher who share, discuss, compare and research new ideas. We are blessed to have time every week to meet as a 7th grade math team to discuss successes and failures and to help each other help our students. **Your Score ___3___** Approaches 1 Meets 2 Exceeds 3

4.Promote and Model Digital Citizenship and Responsibility
Teachers understand local and global societal issues and responsibilities in an evolving digital culture and exhibit legal and ethical behavior in their professional practices. Teachers:

	Provide a description of the artifact:	**Comments on your strengths or weaknesses:**
a. ==advocate, model, and teach safe, legal, and ethical use of digital information and technology, including respect for copyright, intellectual property, and the appropriate documentation of sources.== b. address the diverse needs of all learners by using learner-centered strategies providing equitable access to appropriate digital tools and resources. c. ==promote and model digital etiquette and responsible social interactions related to the use of technology and information.== d. develop and model cultural understanding and global awareness by engaging with colleagues and students of other cultures using digital-age communication and collaboration tools.	The artifact that I have showing digital citizenship is a graphic I post in the classroom and at the beginning of interventions. It is a set of expectations and rules when coming into the classroom and during lunch. There is an online class that the students must complete during the first quarter that explain what cyberbullying is and how to prevent it, posted in the LMS.	This is pretty much built into our LMS and the philosophy of our online environment. We do not let the students share any social media information or phone numbers or emails. There is a form that we can email a parent to ask permission of another parent to share information. Both parties must agree and fill out the form, signed. Then the information may be shared. **Your Score __2____** Approaches 1 Meets 2 Exceeds 3

5.Engage in Professional Growth and Leadership *Teachers continuously improve their professional practice, model lifelong learning, and exhibit leadership in their school and professional community by promoting and demonstrating the effective use of digital tools and resources. Teachers:*		
a. ==participate in local and global learning communities to explore creative applications of technology to improve student learning.== b. exhibit leadership by demonstrating a vision of technology infusion, participating in shared decision making and community building, and developing the leadership and technology skills of others. c. evaluate and reflect on current research and professional practice on a regular basis to make effective use of existing and emerging digital tools and resources in support of student learning. d. contribute to the effectiveness, vitality, and self-renewal of the teaching profession and of their school and community	**Provide a description of the artifact:** I am a member of the National Council of Teachers of Mathematics. I read their newsletter and the professional blog. I do not respond very often to the discussions but I do read them.	**Comments on your strengths or weaknesses:** I love reading all the different ways math teachers around the world are finding to utilize technology in their classrooms. It is inspiring to see the innovation our community displays. I only have time to read one or two books a year that discuss or give information about new technologies and ideas on how to use them. **Your Score ___2___** Approaches 1 Meets 2 Exceeds 3

NETS-T Review Process

My rubric total assessment of my skills ___# out of 13/15

   Date January 29, 2018

Submit this document in to the Springboard Dropbox for your points. Assignment points are only based on completion of the activity 10/10. Then you will upload this same document to TK20.