NFCSD TEACHER’S K-12 TECHNOLOGY CONTINUUM

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|  | **LEVEL 1A: Learning Management System: (Microsoft Teams)** 1A.1 - Teachers can access Office 365 and the various products to complete the following skills: 1A.1.a - Save and share documents, spreadsheets, Forms, and presentations via OneDrive 1A.1.b - Access email and communication systems (post, chat, and video conference) 1A.1.c - Teachers can utilize online booking software to schedule PD and parent conferences**LEVEL 1B: Accessing Core Digital Resources** 1B.1 - Teachers can access Education Law 2D compliant and district approved digital resources (Ex Clever, Investigations, Amplify, Castle Learning, NewsEla, Nearpod) – Click [HERE](https://www.nfschools.net/cms/lib/NY19000301/Centricity/Domain/98/Technology%20Resources%20PREK-12%20-%20Rev%2012-15-21.pdf) to view all resources  1B.2 – Teachers can access the new NYS Computer Science and Digital Fluency Learning Standards K-12 found [HERE](http://www.nysed.gov/common/nysed/files/programs/curriculum-instruction/computer-science-digital-fluency-standards-k-12.pdf) **LEVEL 1C: Assigning and Assessing Core Digital Resources**  1C.1 - Teachers can assign and assess student work using Ed Education Law 2D compliant software  1C.2 - Teachers can access data from digital resources to guide instruction 1C.3 – Teachers can assign and assess integrated NYS Computer Science and Digital Fluency Learning Standards K-12 activities directly into their curriculum (Ex Digital Citizenship Nearpod and Cyber Securities Lessons)  **LEVEL 1D: Accessibility Features** 1D.1 – Teachers can list at least 5 accessibility features that will support curricular access 1D.2 – Teachers can access and utilize at least 5 accessibility features (i.e., Dictate, Immersive reader,) |
|  | **LEVEL 2A: Learning Management System: (Microsoft Teams)**  2A.1 - Teachers can schedule, attend, conduct, and record virtual meetings for remote classes satisfying the Digital Literacy and Digital Use Standard (K-12 DL.2) of the NYS Computer Science and Digital Fluency Learning Standard – (Ex Synchronous Lessons, Live Meetings, Chat discussions, Posts within the LMS, and supported digital resources) 2A.2 - Teachers can schedule and evaluate assignments in Teams 2A.3 - Teachers can alter the settings and management of Teams (Ex. Add channels, tabs, files, student access, etc) 2A.4 - Teachers can screencast and post lessons with Stream or other screen capturing software**LEVEL 2B: Webpage Design:** 2B.1 - Teachers can create and maintain a district webpage to ensure a digital presence using high end apps such as embed codes, accordion filing systems, and live documents**LEVEL 2C: Accessibility Features** 2C.1 – Teachers can match a specific accessibility feature to a learning need of a student, for at least 5 accessibility features  |
|  | **LEVEL 3A: Core Digital Resources:** 3A.1 - Teachers can integrate district approved core digital resources within a Microsoft Teams - Click [HERE](https://www.nfschools.net/cms/lib/NY19000301/Centricity/Domain/98/Technology%20Resources%20PREK-12%20-%20Rev%2012-15-21.pdf) to view all resources**LEVEL 3B: Learning Management System: (Microsoft Teams)**  3B.1 - Teachers can build and share rubrics for grading satisfying Standard DL.4 of the NYS Computer Standards 3B.2 - Teachers can integrate outside programs (Ex Nearpod, Flipgrid, Lumio) into assignments  3B.3 - Teachers can utilize and integrate OneNote Class Notebooks into assignments and classroom rituals**LEVEL 3C: Accessibility Features** 3C.1 – Teachers can use accessibility features in a new way 3C.2 - Teachers will utilize district approved accessibility features that were not part of any training**LEVEL 3D: Future Software**  3D.1 - Teachers can utilize eDoctrina to access teacher dashboard information such as assessment data 3D.2 - Teachers can conduct classes using Augmented and Virtual Reality devices/software3D.3 - Techers can collect, evaluate, and analyze data from multiple sources to develop computational artifacts (Ex Using Excel spreadsheets to create graphs from data sets, analyzing data sets from integrated LMS apps to monitor student mental health)  3D.4 – Once teachers have successfully completed all above standards, they will be recognized as a **Teacher Innovator**  3D.4.a – Teachers can begin piloting the next generation software and web-based products  3D.4.b – Teachers can effectively utilize Efficiency Delivery Systems (Ex Multicasting) |