

# Microsoft Teacher Internship Program 2020/2021

The design of the Microsoft Teacher Internship program is modular. While educators are strongly encouraged to sign up for all modules, it is possible to sign up for individual modules only. Signups for these will be posted close to the starting date of each individual module. Preference in terms of places for sessions (where space is limited) will always be given to educators who sign up for the entire program. Educators who wish to prepare for the Microsoft Certified Educator exam must complete the entire program.

## Module 1: 21<sup>st</sup> Century Learning Design

	Description	Duration (hrs)
<b>ONLINE Session 1</b> <b>02 Dec 2020</b>	Initial meeting - <ul style="list-style-type: none"> <li>• introduction to the TIP,</li> <li>• MCE exam and Preparation</li> <li>• Joining the MEC</li> <li>• How to use Teams and Onenote.</li> <li>• Course outline, participant introduction.</li> </ul> Introduction to 21 Century Learning Design (CLD) <ul style="list-style-type: none"> <li>• <i>Innovative teaching and learning: what is "innovative teaching practice"?</i></li> <li>• <i>What are the characteristics of a "21st century educator"?</i></li> <li>• <i>What are the characteristics of a "21st century learner"?</i></li> <li>• <i>What school and system factors most support innovative teaching practices?</i></li> </ul>	2.5
<b>Online Wk1</b>	Complete: <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/8220d07e/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/8220d07e/overview</a>	1
<b>ONLINE Session 2</b> <b>009 Dec 2020</b>	21 CLD - Collaboration <ul style="list-style-type: none"> <li>• <i>What are the big ideas in collaboration?</i></li> <li>• <i>What does working together mean?</i></li> <li>• <i>What does shared-responsibility mean?</i></li> <li>• <i>What does making substantive decisions mean?</i></li> <li>• <i>What does working interdependently mean?</i></li> </ul>	2.5

<b>Self-Study Wk2</b>	Complete: <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/1e076ee5/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/1e076ee5/overview</a>	3
<b>ONLINE Session 3</b> <b>16 Dec 2020</b>	21 CLD - Skilled Communication <ul style="list-style-type: none"> <li>• <i>What are the big ideas in skilled communication?</i></li> <li>• <i>What does extended-communication or multi-modal communication mean?</i></li> <li>• <i>What does supporting evidence mean?</i></li> <li>• <i>How can you design communication for a particular audience?</i></li> </ul>	2.5
<b>Self-Study Wk3</b>	Complete: <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/8bcf124b/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/8bcf124b/overview</a>	3
<b>ONLINE Session 4</b> <b>23 Dec 2020</b>	21 CLD - Knowledge Construction <ul style="list-style-type: none"> <li>• <i>How to apply knowledge in a new context?</i></li> <li>• <i>How to design lessons, so that the main requirement is knowledge construction?</i></li> <li>• <i>What does knowledge construction mean?</i></li> <li>• <i>What are the big ideas in knowledge construction?</i></li> </ul>	2.5
<b>Self-Study Wk4</b>	Complete: <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/2423b96f/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/2423b96f/overview</a>	3
<b>ONLINE Session 5</b> <b>30 Dec 2020</b>	21 CLD - Self Regulation <ul style="list-style-type: none"> <li>• <i>What are the big ideas in self-regulation?</i></li> <li>• <i>What do we mean by long-term activity?</i></li> <li>• <i>How important is defining learning goals and success criteria in advance of undertaking work?</i></li> <li>• <i>How important is having the opportunity to revise work based on feedback?</i></li> </ul>	2.5
<b>Self-Study Wk5</b>	Complete: <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/53d52563/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/53d52563/overview</a>	3

<b>ONLINE Session 6</b>  <b>06 Jan 2021</b>	21 CLD - Real World Problem Solving and Innovation <ul style="list-style-type: none"> <li>• <i>What are the big ideas in problem-solving and innovation?</i></li> <li>• <i>What are the problems experienced by real people?</i></li> <li>• <i>Are there specific, explicit contexts for problem-solving?</i></li> <li>• <i>How can actual data be used to solve a problem?</i></li> </ul>	2.5
<b>Self-Study Wk6</b>	Complete: <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/7ae3eed2/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/7ae3eed2/overview</a>	3
<b>ONLINE Session 7</b>  <b>13 Jan 2021</b>	21 CLD - Use of ICT for Learning <ul style="list-style-type: none"> <li>• <i>What are the big ideas in ICT for learning?</i></li> <li>• <i>How can ICT be used to learn or practice basic skills or reproduce information?</i></li> <li>• <i>How can ICT be used to support knowledge construction?</i></li> <li>• <i>How can an ICT product be created for authentic users?</i></li> </ul>	2.5
<b>Self-Study Wk7</b>	Complete: <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/cf434d1a/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/cf434d1a/overview</a>	3
<b>ONLINE Session 8</b>  <b>20 Jan 2021</b>	21CLD - Embedding 21CLD in practice <ul style="list-style-type: none"> <li>• <i>How do you know that your students are developing 21st century skills?</i></li> <li>• <i>How to use student work to find evidence of the 21st century skills?</i></li> <li>• <i>What is the impact on classroom practice?</i></li> <li>• <i>What do teachers think? (teacher testimonials)</i></li> <li>• <i>What do teachers think? (student voice)</i></li> </ul> <p>Closing 21CLD - group discussion. What are the major challenges to implementing 21CLD in your classrooms? How can we address these issues?</p>	2.5
<b>Self-Study Wk8</b>	Complete: <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/73b00fbb/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/73b00fbb/overview</a>	1
<b>ONLINE Session 9</b>  <b>27 Jan 2021</b>	Putting learnings into practice - a group discussion <ul style="list-style-type: none"> <li>• how can we apply the things we learnt into our classrooms?</li> <li>• What do you think will work best, or won't work, and why</li> <li>• What are the greatest challenges you see , what are possible workarounds</li> </ul>	2.5

	<ul style="list-style-type: none"> <li>• Creating a local support community</li> </ul>	
<b>Self-Study 09</b>	Create or adapt an original lesson plan suitable for your classroom using principles of 21CLD	4
<b>ONLINE Session 10</b> <b>03 Feb 2021</b>	A review of the MCE Exam Part 1 <ul style="list-style-type: none"> <li>• Preparing for the MCE exam - a review of resources</li> <li>• Feedback and Surveys</li> </ul>	2.5
<b>Self-Study 10</b>	MCE Sample Exam 1	2
<b>ONLINE Session 11</b> <b>17 Feb 2021</b> <b>Self Study 11</b>	A review of the MCE Exam Part 2 <ul style="list-style-type: none"> <li>• Review of sample exam</li> <li>• Next steps</li> </ul>	2.5

## Module 2: Microsoft 365 Tools for Education

	Description	Duration (hrs)
<b>ONLINE Session Wk12</b> <b>24 Feb 2012</b>	Crafting a collaborative learning environment with Microsoft Teams <ul style="list-style-type: none"> <li>• <i>Introducing Teams in the classroom</i></li> <li>• <i>Usage Scenarios</i></li> <li>• <i>Teams as a collaboration tool</i></li> <li>• <i>Teams as a community tool</i></li> <li>• <i>Teams to drive learning and training in a school</i></li> </ul>	2.5
<b>Wk12</b>	Complete: <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/9c9f5c11/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/9c9f5c11/overview</a> <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/b1e15cfc/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/b1e15cfc/overview</a> <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/57656e55/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/57656e55/overview</a>	3
<b>ONLINE Session 13</b> <b>3 Mar 2021</b>	Rethinking engagement with Flipgrid and Skype <ul style="list-style-type: none"> <li>• <i>Introduction</i></li> <li>• <i>Virtual Field Trips</i></li> <li>• <i>Skype Collaborations</i></li> <li>• <i>Mystery Skype</i></li> <li>• <i>Flipgrid</i></li> </ul>	2.5
<b>Self-Study Wk13</b>	Complete: <a href="https://education.microsoft.com/en-us/course/e177a1e7/overview">https://education.microsoft.com/en-us/course/e177a1e7/overview</a>  <a href="https://education.microsoft.com/en-us/course/be93b0d6/overview">https://education.microsoft.com/en-us/course/be93b0d6/overview</a>	2
<b>ONLINE Session 14</b> <b>10 Mar 2021</b>	Digital Storytelling with Sway and Powerpoint <ul style="list-style-type: none"> <li>• <i>Learn how Sway works to share text, images, video, and dynamic content to tell a rich digital story</i></li> <li>• <i>See examples of Sway's impact in the classroom</i></li> <li>• <i>Practice creating a Sway</i></li> <li>• <i>Understand how Sway can be used in a variety of ways</i></li> <li>• <i>Powerpoint for flipped instruction</i></li> </ul>	2.5
<b>Self-Study Wk14</b>	Complete: <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/2b57129d/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/2b57129d/overview</a> <a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/8ebc6daf/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/8ebc6daf/overview</a>	2
<b>ONLINE Session 15</b>	Onenote and ClassNotebook <ul style="list-style-type: none"> <li>• <i>Using Onenote</i></li> <li>• <i>Main features for education</i></li> </ul>	2.5

<b>17 Mar 2021</b>	<ul style="list-style-type: none"> <li>• <i>Notebooks for Class, Staff and PLCs</i></li> <li>• <i>Best practices for various subjects</i></li> <li>• <i>Onenote Maths tools for independent learning</i></li> </ul>	
<b>Self-Study Wk15</b>	<p>Complete:</p> <p><a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/23b7f02f/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/23b7f02f/overview</a></p> <p><a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/c04cb8b0/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/c04cb8b0/overview</a></p> <p><a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/e597ca7b/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/e597ca7b/overview</a></p> <p><a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/d9981b0b/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/d9981b0b/overview</a></p>	<p>3.5</p>
<b>ONLINE Session 16</b>  <b>24 Mar 2021</b>	<p>Using Office365 to enhance learning</p> <ul style="list-style-type: none"> <li>• <i>Supporting student learning with Office365</i></li> <li>• <i>Microsoft Forms: Assessment made easy</i></li> <li>• <i>Microsoft Stream</i></li> </ul>	<p>2.5</p>
<b>Self-Study Wk16</b>	<p>Complete:</p> <p><a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/424102ca/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/424102ca/overview</a></p> <p><a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/ac59d6bc/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/ac59d6bc/overview</a></p>	<p>2</p>
<b>ONLINE Session 17</b>  <b>7 Apr 2021</b>	<p>Bringing it all together - How Microsoft in Education tools all work together</p> <ul style="list-style-type: none"> <li>• <i>Reimagining the writing process with Microsoft in Education</i></li> <li>• <i>Developing workforce ready skills with Office Online</i></li> <li>• <i>Concluding the Office365 Learning Pathway</i></li> </ul>	<p>2.5</p>
<b>Self-Study Wk17</b>	<p>Complete:</p> <p><a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/5f4d7eca/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/5f4d7eca/overview</a></p> <p><a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/96a122f6/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/96a122f6/overview</a></p>	<p>2.5</p>

## Module 3: Accessibility, Special Education, and online learning: Accessibility tools in M365 tools and Windows 10

	Description	Duration (hrs)
<b>ONLINE Session 18</b>  14 Apr 2021	<ul style="list-style-type: none"> <li>• Author accessible content using Sway, Word and Onenote</li> <li>• Immersive reader</li> <li>• Accessibility Tools in Windows 10</li> </ul>	2.5
<b>Self-Study Wk18</b>	<a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/9afd76de/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/9afd76de/overview</a>  <a href="https://education.microsoft.com/en-us/course/e02f490e/overview">https://education.microsoft.com/en-us/course/e02f490e/overview</a>	

## Module 4: Windows 10 Devices and Software for Education

	Description	Duration (hrs)
<b>ONLINE Session 19</b>  21 Apr 2021	<ul style="list-style-type: none"> <li>• Understanding Windows 10 Education Features</li> <li>• What makes a good classroom educational device?</li> <li>• Intune for Device and OS Management</li> </ul>	2.5
<b>Self-Study Wk19</b>	<a href="https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/46cbf1aa/overview">https://education.microsoft.com/en-us/learningPath/a0fc6e66/course/46cbf1aa/overview</a>  <a href="https://education.microsoft.com/en-us/course/b28ee1ac/overview">https://education.microsoft.com/en-us/course/b28ee1ac/overview</a>	

## Module 5: Hybrid Learning Strategies and Social Media

	Description	Duration (hrs)
<b>ONLINE Session 20</b> <b>28 Apr 2021</b>	<ul style="list-style-type: none"> <li>• A new model for Education</li> <li>• Hybrid Learning in Primary Class</li> <li>• Hybrid Learning in Middle School</li> <li>• Hybrid Learning for Adolescents</li> </ul>	2.5
<b>Self-Study Wk20</b>	<a href="https://education.microsoft.com/en-us/learningPath/bf7a7f6a">https://education.microsoft.com/en-us/learningPath/bf7a7f6a</a>	4
<b>ONLINE Session 21</b> <b>5 May 2021</b>	<ul style="list-style-type: none"> <li>• Social Media as a learning tool</li> <li>• The importance of networking for personal development</li> <li>• Blogging, photo sharing and social networks as a tool for self promotion and self improvement</li> </ul>	2.5
<b>Self-Study Wk21</b>	TBD	4



# Module 6: Game Based Learning through Minecraft Education

Note: the preferred method of delivery for Module 6 is as a full day workshop. If COVID situation permits, dates may be changed to reflect this and a one- or two-day workshop may be organized instead, probably during school Easter holidays.

	Description	Duration (hrs)
<b>ONLINE Session 22</b> 12 May 2021	MinecraftEDU - Part 1 <ul style="list-style-type: none"> <li>• <i>Introduction to MinecraftEDU</i></li> <li>• <i>Installation and Setup</i></li> <li>• <i>Navigating Menus and options</i></li> <li>• <i>Setting up a world</i></li> <li>• <i>Controls, gameplay and crafting</i></li> </ul>	2.5
<b>Self-Study Week22</b>	Complete: Pre-assigned build challenge in MinecraftEDU to showcase following week  <a href="https://education.microsoft.com/en-us/learningPath/3eede2ae/course/9f02325a/overview">https://education.microsoft.com/en-us/learningPath/3eede2ae/course/9f02325a/overview</a>  <a href="https://education.microsoft.com/en-us/learningPath/3eede2ae/course/802465e1/overview">https://education.microsoft.com/en-us/learningPath/3eede2ae/course/802465e1/overview</a>  <a href="https://education.microsoft.com/en-us/learningPath/3eede2ae/course/fda1d7e4/overview">https://education.microsoft.com/en-us/learningPath/3eede2ae/course/fda1d7e4/overview</a>	5
<b>ONLINE Session 23</b> 19 May 2021	MinecraftEDU - Part 2 <ul style="list-style-type: none"> <li>• <i>Assessment and Feedback Tools</i></li> <li>• <i>Build Challenges</i></li> <li>• <i>Lesson Simulation</i></li> <li>• <i>Collaborative Gameplay</i></li> </ul>	2.5
<b>Self-Study Week23</b>	<b>Complete:</b>  <a href="https://education.microsoft.com/en-us/learningPath/3eede2ae/course/5b98978c/overview">https://education.microsoft.com/en-us/learningPath/3eede2ae/course/5b98978c/overview</a> <a href="https://education.microsoft.com/en-us/learningPath/3eede2ae/course/9820c1eb/overview">https://education.microsoft.com/en-us/learningPath/3eede2ae/course/9820c1eb/overview</a> <a href="https://education.microsoft.com/en-us/learningPath/3eede2ae/course/30139b34/overview">https://education.microsoft.com/en-us/learningPath/3eede2ae/course/30139b34/overview</a> <a href="https://education.microsoft.com/en-us/learningPath/3eede2ae/course/54a98e17/overview">https://education.microsoft.com/en-us/learningPath/3eede2ae/course/54a98e17/overview</a>	4
<b>ONLINE Session 24</b>	MinecraftEDU - Part 3	2.5

<b>26 May 2021</b>	<ul style="list-style-type: none"> <li>• Classroom Readiness</li> <li>• Introduction to Coding</li> <li>• Chemistry Module</li> <li>• Redstone Engineering</li> </ul>	
<b>Self-Study Week24</b>	<p>Complete:</p> <p><a href="https://education.microsoft.com/en-us/learningPath/3eede2ae/course/19259f31/overview">https://education.microsoft.com/en-us/learningPath/3eede2ae/course/19259f31/overview</a>  <a href="https://education.microsoft.com/en-us/learningPath/3eede2ae/course/3962607e/overview">https://education.microsoft.com/en-us/learningPath/3eede2ae/course/3962607e/overview</a>  <a href="https://education.microsoft.com/en-us/learningPath/3eede2ae/course/d1357616/overview">https://education.microsoft.com/en-us/learningPath/3eede2ae/course/d1357616/overview</a>  <a href="https://education.microsoft.com/en-us/learningPath/3eede2ae/course/638ff276/overview">https://education.microsoft.com/en-us/learningPath/3eede2ae/course/638ff276/overview</a></p> <p>Explore <a href="https://code.org/minecraft">https://code.org/minecraft</a> and <a href="https://education.minecraft.net/class-resources/lessons/">https://education.minecraft.net/class-resources/lessons/</a></p>	4
<b>ONLINE Session 25</b>  <b>2 Jun 2021</b>	<p>MinecraftEDU - Part 4</p> <ul style="list-style-type: none"> <li>• Group project with MinecraftEDU</li> </ul>	2.5
<b>Self-Study Week 25</b>	<p>Personal MEE project for classroom use to be presented at Final session and possibly EMBED</p>	6

# Module 7: Computational Thinking, Physical Computing and HackingSTEM

**Note: the preferred method of delivery for Module7 is as a full day workshop. If COVID situation permits, dates may be changed to reflect this and a one day workshop may be organized instead.**

	Description	Duration (hrs)
<b>ONLINE Session 26  9 Jun 2021</b>	Computational Thinking  Introduction to the basics of computational thinking Utilizing Computational thinking methodology across the curriculum	2.5
<b>Self-Study Week20</b>	Complete: <a href="#">Computational thinking: Its importance in education</a>	1
<b>ONLINE Session 27  16 Jun 2021</b>	Microsoft Makecode and Microbit  <ul style="list-style-type: none"> <li>• Exploring Makecode and Makecode Arcade</li> <li>• Introduction to Microbit</li> <li>• Lesson and Project ideas for Microbit</li> </ul>	2.5
<b>Self-Study Week 21</b>	Complete:  <a href="https://education.microsoft.com/courses-and-resources/courses/physical-computing-and-its-role-in-education">https://education.microsoft.com/courses-and-resources/courses/physical-computing-and-its-role-in-education</a>  Explore Microbit.org project and lesson ideas	2
<b>ONLINE Session 28  23 Jun 2021</b>	HackingSTEM  <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Design Thinking Methodology</li> <li>• Project 1</li> </ul>	2.5
<b>Self-Study Week 22</b>	Complete:  Review <a href="https://www.microsoft.com/en-us/education/education-workshop/activity-library.aspx">https://www.microsoft.com/en-us/education/education-workshop/activity-library.aspx</a>	1
<b>ONLINE Session 29  30 Jun 2021</b>	HackingSTEM  <ul style="list-style-type: none"> <li>• Project 2</li> </ul>	2.5
<b>Self-Study Week 29</b>	Complete: Challenge: Apply Design Thinking to your subject and design a lesson plan outline	4