

Azure Feeds Newsletter

Weekly Update: Saturday September 10 2022 to Saturday September 17 2022

Azure Updates (26 new azure updates)

| Name | Link | Description | | Category |
|---|---|---|-----------|------------------|
| General availability: Standard network features for Azure NetApp Files | https://azure.microsoft.com/en- us/updates/general-availability-standard- network-features-for-azure-netapp-files/ | Standard network features for Azure NetApp Files is generally available in 20 regions. | Tuesday | Azure Updates |
| Generally available: Reserved capacity for Azure Backup Storage | https://azure.microsoft.com/en- us/updates/reserved-capacity-pricing-for- backup-storage/ | Reserved capacity for Azure Backup Storage is now available. | Tuesday | Azure Updates |
| Generally available: Azure Dedicated Host support for Ultra Disk Storage | https://azure.microsoft.com/en- us/updates/generally-available-azure- dedicated-host-support-for-ultra-ssd/ | Introducing support for ultra disks on Azure dedicated host. | Wednesday | Azure Updates |
| General availability: Azure Sphere OS version 22.09 expected on September 22 | https://azure.microsoft.com/en- us/updates/general-availability-azure- sphere-os-version-2209-expected-on- september-22/ | Participate in the 22.09 retail evaluation now to ensure full compatibility. The OS evaluation period provides 14 days for backward compatibility testing. | Wednesday | Azure Updates |
| Public preview: Encrypt managed disks with cross- tenant customer-managed keys | https://azure.microsoft.com/en- us/updates/public-preview-encrypt- managed-disks-with-crosstenant- customermanaged-keys/ | Protect your data by encrypting Premium SSD, Standard SSD, and Standard HDD managed disks with customer-managed keys. | Thursday | Azure Updates |
| Generally available: API Management DevOps Resource Toolkit v1.0.0 | https://azure.microsoft.com/en- us/updates/generally-available-api- management-devops-resource-toolkit- v100/ | Easily deploy APIs in a CI/CD pipeline with API Management DevOps Resource Toolkit v1.0.0. | Thursday | Azure Updates |
| Generally available: Built-in Azure Monitor alerts for Azure Backup | https://azure.microsoft.com/en- us/updates/generally-available-builtin- azure-monitor-alerts-for-azure-backup/ | Learn about the new and improved alerting capabilities offered for Azure Backup, via Azure Monitor. | Thursday | Azure Updates |
| Public preview: gRPC support in Azure App Service | https://azure.microsoft.com/en- us/updates/public-preview-grpc-support- in-azure-app-service/ | gRPC support is enabled for Linux workloads across App Service. | Thursday | Azure Updates |
| Generally available: Action groups can now be saved and processed within Europe | https://azure.microsoft.com/en- us/updates/generally-available-action- groups-can-now-be-saved-and-processed- within-europe/ | Action groups can now be saved in European regions Sweden Central and Germany West Central (in addition to the default "global" region). | Thursday | Azure Updates |
| General availability: Update on metric alert rules on custom metrics | https://azure.microsoft.com/en- us/updates/general-availability-update-on- metric-alert-rules-on-custom-metrics/ | Metric alert rules that monitor custom metrics can now be saved in four European regions: North Europe, West Europe, Sweden Central, and Germany West Central | Thursday | Azure Updates |
| Public preview: Monitoring for Ampere Altra Arm–based VMs and AKS clusters | https://azure.microsoft.com/en- us/updates/public-preview-monitoring-for- ampere-altra-arm-based-vms-and-aks- clusters/ | Azure Monitor now supports monitoring for Arm–based Azure Virtual Machines and Azure Kubernetes Service with Arm nodes. | Thursday | Azure Updates |
| Public preview: Soft delete in Azure Container Registry | https://azure.microsoft.com/en- us/updates/public-preview-soft-delete-in- azure-container-registry/ | You can now restore deleted artifacts from your Azure Container Registry. | Thursday | Azure Updates |
| Public preview: Windows Network Policy Manager for Windows server 2022 in AKS | https://azure.microsoft.com/en- us/updates/public-preview-windows- network-policy-manager-for-windows- server-2022-in-aks/ | You can now add Azure network policies to Windows 2022 server in AKS. | Thursday | Azure Updates |
| Public preview: Operation abort | https://azure.microsoft.com/en- us/updates/public-preview-operation- abort/ | Stop an ongoing cluster or agentpool operation in emergency situations. | Thursday | Azure Updates |
| Generally available: Multi- instance GPU support in AKS | https://azure.microsoft.com/en- us/updates/generally-available- multiinstance-gpu-support-in-aks/ | You can now run your AKS production workloads using the A100 GPU SKU. | | Azure Updates |
| Public preview: Azure Database for MySQL – Flexible Server major version upgrade | https://azure.microsoft.com/en- us/updates/public-preview-azure- database-for-mysql-flexible-server-major- version-upgrade/ | Upgrade your instance of Azure Database for MySQL – Flexible Server from version 5.7 to 8.0. | Thursday | Azure Updates |
| Public preview: Azure | https://azure.microsoft.com/en- | Upgrade your instance of Azure Database for MySQL – | Thursday | Azure |

| Database for MySQL – Flexible Server major version upgrade | <u>us/updates/public-preview-azure-</u> <u>database-for-mysql-flexible-server-major-version-upgrade/</u> | Flexible Server from version 5.7 to 8.0. | | Updates |
|--|---|---|----------|------------------|
| Generally available: Fast restore for Azure Database for PostgreSQL – Flexible Server | https://azure.microsoft.com/en- us/updates/generally-available-fast-restore- for-azure-database-for-postgresql-flexible- server/ | Perform restores from the backup snapshot directly to speed up the overall provisioning time for your restored server with fast restore. | Thursday | Azure Updates |
| Generally available: Fast restore for Azure Database for PostgreSQL – Flexible Server | https://azure.microsoft.com/en- us/updates/generally-available-fast-restore- for-azure-database-for-postgresql-flexible- server/ | Perform restores from the backup snapshot directly to speed up the overall provisioning time for your restored server with fast restore. | Thursday | Azure Updates |
| General availability: Azure Database for MySQL – Flexible Server data encryption with CMK | https://azure.microsoft.com/en- us/updates/general-availability-azure- database-for-mysql-flexible-server-data- encryption-with-cmk/ | Encrypt your data with customer-managed keys (CMK) to enable an extra layer of security for data at rest. | Thursday | Azure Updates |
| General availability: Azure Database for MySQL – Flexible Server data encryption with CMK | https://azure.microsoft.com/en- us/updates/general-availability-azure- database-for-mysql-flexible-server-data- encryption-with-cmk/ | Encrypt your data with customer-managed keys (CMK) to enable an extra layer of security for data at rest. | Thursday | Azure Updates |
| General availability: Read replica for Azure Database for MySQL – Flexible Server | https://azure.microsoft.com/en- us/updates/general-availability-read- replica-for-azure-database-for-mysql- flexible-server/ | Provision up to 10 read replicas for high availability (HA) enabled servers in Azure Database for MySQL – Flexible Server. | Thursday | Azure Updates |
| General availability: Read replica for Azure Database for MySQL – Flexible Server | https://azure.microsoft.com/en- us/updates/general-availability-read- replica-for-azure-database-for-mysql- flexible-server/ | Provision up to 10 read replicas for high availability (HA) enabled servers in Azure Database for MySQL – Flexible Server. | Thursday | Azure Updates |
| Public preview: Azure Load Testing in UK South | https://azure.microsoft.com/en- us/updates/public-preview-azure-load- testing-in-uk-south/ | Azure Load Testing is in public preview in UK South. | Thursday | Azure Updates |
| General availability: Azure Media Services low-latency live streaming | https://azure.microsoft.com/en- us/updates/general-availability-azure- media-services-lowlatency-live-streaming/ | Azure Media Services is announcing the general availability of low-latency HLS with glass-to-glass latency between 4-7 seconds with support for automatic transcriptions and digital rights management. | Friday | Azure Updates |
| Generally available: Resizing of peered virtual networks | https://azure.microsoft.com/en- us/updates/resizing-of-peered-virtual- networks-is-now-generally-available/ | You can use this feature to resize or update the IP address of your peered virtual networks without removing the peering. | Friday | Azure Updates |

Tech Community (21 new articles)

| Name | Link | Description | Publication Day | Category |
|---|---|---|--------------------|-------------------|
| Azure Enterprise Policy as Code – A New Approach | https://techcommunity.microsoft.com/t5/core- infrastructure-and-security/azure-enterprise- policy-as-code-a-new-approach/ba-p/3607843 | We work closely with customers using Azure Policy and have seen many different methods of deploying and maintaining it, from manual to over-complicated automated methods, everyone [] | Monday | Tech Community |
| Troubleshooting Service Bus Message Abandon Issue when using JMS Listener | https://techcommunity.microsoft.com/t5/azure- paas-blog/troubleshooting-service-bus- message-abandon-issue-when-using-jms/ba- p/3623702 | Introduction: In the Service Bus Peek&Lock receive mode, there are three API that might be invoked after a message is Peeked. Complete() API – Message received. [] | Monday | Tech Community |
| Develop and test easily on AKS with NetApp® Astra Control Service® and Azure NetApp Files | https://techcommunity.microsoft.com/t5/azure- architecture-blog/develop-and-test-easily-on- aks-with-netapp-astra-control-service/ba- p/3604225 | Table of Contents Table of Contents Abstract Introduction Scenario Preparation Installation of sample application Manage WordPress application with ACS Enable application consistent snapshots Upgrade test [] | Tuesday | Tech Community |
| AKS on Azure Stack HCI and Windows Server – August 2022 update | https://techcommunity.microsoft.com/t5/azure- stack-blog/aks-on-azure-stack-hci-and-windows- server-august-2022-update/ba-p/3623641 | Hello everyone, The August update of AKS on Azure Stack HCI and Windows Server is now available! This release has a number of important updates [] | Tuesday | Tech Community |
| Learn about the latest silicon level protections available today in Azure | https://techcommunity.microsoft.com/t5/azure- confidential-computing/learn-about-the-latest- silicon-level-protections-available-today/ba- p/3618866 | Security and privacy are critically important when using the cloud to store and process sensitive data. Our vision at Azure confidential computing is to enable organizations to achieve the [] | Tuesday | Tech Community |
| Three reasons why you should prioritize migrating to App Service Environment v3 for your business | https://techcommunity.microsoft.com/t5/apps- on-azure-blog/three-reasons-why-you-should- prioritize-migrating-to-app-service/ba- p/3596628 | An App Service Environment is an Azure App Service feature that provides a fully isolated and dedicated environment for running apps securely at high scale. Organizations [] | Tuesday | Tech Community |
| Building Serverless Go Appplications with Azure functions custom handlers | https://techcommunity.microsoft.com/t5/apps- on-azure-blog/building-serverless-go- appplications-with-azure-functions-custom/ba- p/3623617 | This post is part of the Zero To Hero series for #ServerlessSeptember, a month-long initiative to learn, use, and celebrate, all things Serverless On Azure. Check out [] | Tuesday | Tech Community |
| Journey to the cloud with Azure Container Apps | https://techcommunity.microsoft.com/t5/apps- on-azure-blog/journey-to-the-cloud-with-azure- container-apps/ba-p/3622609 | This post is part of the Zero To Hero series for #ServerlessSeptember, a month-long initiative to learn, use, and celebrate, all things Serverless On Azure. [] | Tuesday | Tech Community |
| Building Serverless Go Applications with Azure | https://techcommunity.microsoft.com/t5/apps- on-azure-blog/building-serverless-go- | This post is part of the Zero To Hero series for #ServerlessSeptember, a month-long initiative to learn, | Tuesday | Tech Community |

| | La company of the com | | | |
|--|--|--|-----------|-------------------|
| functions custom handlers | applications-with-azure-functions-custom/ba- p/3623617 | use, and celebrate, all things Serverless On Azure. Check out [] | | |
| | https://techcommunity.microsoft.com/t5/apps- | | | |
| Building Serverless Go Applications with Azure | on-azure-blog/building-serverless-go- | This post is part of the Zero To Hero series for #ServerlessSeptember, a month-long initiative to learn, | | Tech |
| functions custom | applications-with-azure-functions-custom/ba- | use, and celebrate, all things Serverless On Azure. Check | Tuesday | Community |
| handlers | p/3623617 | out [] | | Community |
| - Harrarers | · | Kubernetes-native apps are the future. Today's top | | |
| Java for Kubernetes, J4K, | https://techcommunity.microsoft.com/t5/apps- | developers build software with resiliency and resource | | Tech |
| free virtual event | on-azure-blog/java-for-kubernetes-j4k-free- | efficiency in mind for any cloud environment. Network | Tuesday | Community |
| September 28, 2022 | <u>virtual-event-september-28-2022/ba-p/3624297</u> | with community members and [] | | , |
| NET on Azura Eunstians | https://techcommunity.microsoft.com/t5/apps- | As we look ahead toward .NET 7, it's a good time to | | Tooh |
| .NET on Azure Functions Roadmap Update | on-azure-blog/net-on-azure-functions-roadmap- | provide an update on the isolated worker model and how | Tuesday | Tech Community |
| Koaumap opuate | <u>update/ba-p/3619066</u> | we are thinking [] | | Community |
| Cheat-sheet: The new 5G | https://techcommunity.microsoft.com/t5/azure- | 5G is not just a wireless network upgrade, it enables new | | |
| application paradigms | developer-community-blog/cheat-sheet-the- | application architecture paradigms which allow you to | Tuesday | Tech |
| and Microsoft Azure | new-5g-application-paradigms-and-microsoft- | achieve business use cases that were unthinkable a [] | , | Community |
| | <u>azure/ba-p/3622336</u> | | | |
| How To: Send requests to | https://techcommunity.microsoft.com/t5/azure- | Overview In this How To, I will show a simple mechanism | | T b |
| Azure Storage from | developer-community-blog/how-to-send- | for writing a payload to Azure Blob Storage from Azure | Tuesday | Tech |
| Azure API Management | requests-to-azure-storage-from-azure-api- management/ba-p/3624955 | API Management (APIM). Some examples [] | | Community |
| | <u>management/ba-p/3024555</u> | Kubarnatas nativa anns ara tha futura. Tadav's tan | | |
| Java for Kubernetes, J4K, | https://techcommunity.microsoft.com/t5/apps- | Ses://techcommunity.microsoft.com/t5/apps- developers build software with resiliency and resource | | Tech |
| free virtual event | on-azure-blog/java-for-kubernetes-j4k-free- | efficiency in mind for any cloud environment. Network | Tuesday | Community |
| September 28, 2022 | virtual-event-september-28-2022/ba-p/3624297 | with community members and [] | | Community |
| How to run Bash scripts | https://techcommunity.microsoft.com/t5/apps- | You might need to run custom Linux scripts in WordPress | | Talah |
| in WordPress on Azure | on-azure-blog/how-to-run-bash-scripts-in- | on Azure App Service for achieving specific goals, such as, | Wednesday | Tech Community |
| App Service | wordpress-on-azure-app-service/ba-p/3625692 | updating Nginx settings, running WP-CLI commands, [] | | Community |
| Azure Marketplace new | https://techcommunity.microsoft.com/t5/azure- | We continue to expand the Azure Marketplace | | |
| offers – September 14, | marketplace-blog/azure-marketplace-new- | ecosystem. For this volume, 141 new offers successfully | Thursday | Tech |
| 2022 | offers-september-14-2022/ba-p/3591532 | met the onboarding criteria and went live. See details of | • | Community |
| | | the [] | | |
| NetApp Cloud Volume | https://techcommunity.microsoft.com/t5/azure- | Co-authors: Meng-Ru (Raymond) Tsai Senior Program Manager, Azure HPC+AI, Microsoft Tang Chao, Solutions | | |
| ONTAP (CVO) for Azure – | <u>compute-blog/netapp-cloud-volume-ontap-cvo-</u> | Architect, NetApp Virgilio Inferido, Member of Technical | Thursday | Tech |
| EDA Benchmark and Best | for-azure-eda-benchmark-and-best/ba- | Staff, NetApp Giancarlo DiPasquale, Azure HPC | inarsaay | Community |
| Practices | <u>p/3625671</u> | Architect, Microsoft Richard [] | | |
| Built-in Azure Monitor | https://techcommunity.microsoft.com/t5/azure- | We are happy to share that built-in Azure Monitor alerts | | |
| alerts for Azure Backup is | governance-and-management/built-in-azure- | for Azure Backup is now generally available! (Read our | Thursday | Tech |
| now generally available | monitor-alerts-for-azure-backup-is-now- | earlier blog post for more context around [] | illuisuay | Community |
| | generally/ba-p/3627859 | currier blog post for more context around [] | | |
| Client Side Decryption on | https://techcommunity.microsoft.com/t5/apps- | You can use client side decryption of properties on Azure | | Tech |
| Azure Spring Apps | on-azure-blog/client-side-decryption-on-azure- | Spring Apps by following the steps below: Add the | Friday | Community |
| | <u>spring-apps/ba-p/3621622</u> | encrypted property in your .properties file in your git [] | | |
| Error Handling with | https://techcommunity.microsoft.com/t5/apps- | This post is part of the Zero To Hero series for | | T I. |
| Apache Kafka extension for Azure Functions and | on-azure-blog/error-handling-with-apache- kafka-extension-for-azure-functions/ba- | #ServerlessSeptember, a month-long initiative to learn, | | Tech Community |
| more!! | p/3628936 | use, and celebrate, all things Serverless On Azure. Check | | Community |
| more | <u> </u> | out the [] | | <u> </u> |

Microsoft Security (3 articles)

| Name | Link | Description | Publication Day |
|---|--|--|--------------------|
| Secure your endpoints with Transparity and Microsoft | https://www.microsoft.com/security/blog/2022/09/13/secure-your- endpoints-with-transparity-and-microsoft/ | This blog post is part of the Microsoft Intelligent Security Association guest blog series. Learn more about MISA. Endpoint protection platforms (EPPs) are dead and no [] | Wednesday |
| Implementing a Zero Trust strategy after compromise recovery | https://www.microsoft.com/security/blog/2022/09/14/implementing- a-zero-trust-strategy-after-compromise-recovery/ | What changes after compromise recovery? After the final compromise recovery, steps have been completed and we are back in control. There has been a round of [] | Thursday |
| Test your team's security readiness with the Gone Phishing Tournament | https://www.microsoft.com/security/blog/2022/09/15/test-your- teams-security-readiness-with-the-gone-phishing-tournament/ | Why should you care about the behavioral risk of your employees? Eighty-two percent of breaches include (and often start with) user behavior.1 Not all are phishing, [] | Friday |

Azure Community (15 articles)

| Name | Link | Description | Publication Day | Creator | Cate |
|------------------|---|------------------------------|--------------------|-----------|-------------------------|
| How to Enroll a | https://azurecloudai.blog/2022/09/12/how-to-enroll-a- | In May 2019, then-United | Monday | Rod Trent | Community,Azure,Deep |
| Huawei Device in | huawei-device-in-intune/? | States President Donald | | | Intune,Intune,Intune Hu |
| Intune | utm_source=rss&utm_medium=rss&utm_campaign=how-to- | Trump announced that | | | |
| | enroll-a-huawei-device-in-intune | Huawei, along with several | | | |
| | | other Chinese companies, was | | | |

| | L | now on something called the Entity List. Companies [] | | | |
|--|--|---|-----------|---------------------|---------------------------------|
| C# 11.0: Required Members | https://jaliyaudagedara.blogspot.com/2022/09/c-110- required-members.html | Just a couple of months to go for .NET 7 final release, as you might already know, some of the C# 11.0 features are already available. [] | Monday | Jaliya Udagedara | Commun |
| C# 11.0: Required Member | https://jaliyaudagedara.blogspot.com/2022/09/c-110- required-member.html | Just a couple of months to go for .NET 7 final release, as you might already know, some of the C# 11.0 features are already ready [] | Monday | Jaliya Udagedara | Commun |
| Building Microservices Apps with Azure Container Apps and Dapr | https://azurecloudai.blog/2022/09/12/building-microservices- apps-with-azure-container-apps-and-dapr/? utm_source=rss&utm_medium=rss&utm_campaign=building- microservices-apps-with-azure-container-apps-and-dapr | This post was originally published on bitoftech.net by Taiseer Joudeh There is no doubt that building containerized applications and following microservices architecture is one of the [] | Monday | Rod Trent | Community,Azure,Contair |
| Creating an Azure Kubernetes cluster with an attached Azure Container Registry with Bicep | https://dev.to/willvelida/creating-a-azure-kubernetes-cluster-with-an-attached-azure-container-registry-with-bicep-2g1c | Azure Kubernetes Service (AKS) simplifies deploying a managed Kubernetes cluster into Azure by offloading the operational overhead to Azure. Azure Container Registry allows you to build, [] | Tuesday | Will Velida | Community,Azure,conta |
| Microsoft Defender Weekly Wrap – Issue #42 | https://azurecloudai.blog/2022/09/13/microsoft-defender- weekly-wrap-issue-42/? utm_source=rss&utm_medium=rss&utm_campaign=microsoft- defender-weekly-wrap-issue-42 | [Want to discuss this further? Hit me up on Twitter or LinkedIn] [Subscribe to the RSS feed for this blog] [Subscribe to the Weekly Microsoft [] | Wednesday | Rod Trent | Community,Defender,Def |
| Microsoft Sentinel this Week – Issue #78 | https://azurecloudai.blog/2022/09/13/microsoft-sentinel-this- week-issue-78/? utm_source=rss&utm_medium=rss&utm_campaign=microsoft- sentinel-this-week-issue-78 | [Want to discuss this further? Hit me up on Twitter or LinkedIn] [Subscribe to the RSS feed for this blog] [Subscribe to the Weekly Microsoft [] | Wednesday | Rod Trent | Community,Microso |
| Everything you need to know to develop cloud- native apps with Microsoft Azure Cloud! | https://levelup.gitconnected.com/everything-you-need-to-know-to-develop-cloud-native-apps-with-microsoft-azure-cloud-5208be88c732?source=rss-b5b0f0f690e62 | If you're developing your cloud-native applications, I highly recommend you check out this Application Architecture Guide from Azure Continue reading on Level Up Coding » | Wednesday | Jiadong Chen | Community,Az computing,Micro |
| Azure policy to Audit Storage Account without Lifecycle Management Rule | https://blog.tyang.org/2022/09/16/azure-policy-audit-storage- account-lifecycle-management-rule/ | I created a new Azure Policy definition today to audit storage accounts that do not have lifecycle management rules. The policy definition can be found in [] | Friday | Tao Yang | Community,Azure,Azu |
| Microsoft Defender Weekly Wrap – Issue #43 | https://azurecloudai.blog/2022/09/16/microsoft-defender- weekly-wrap-issue-43/? utm_source=rss&utm_medium=rss&utm_campaign=microsoft- defender-weekly-wrap-issue-43 | [Want to discuss this further? Hit me up on Twitter or LinkedIn] [Subscribe to the RSS feed for this blog] [Subscribe to the Weekly Microsoft [] | Saturday | Rod Trent | Community, Defender, Def |
| Microsoft Sentinel this Week – Issue #79 | https://azurecloudai.blog/2022/09/16/microsoft-sentinel-this- week-issue-79/? utm_source=rss&utm_medium=rss&utm_campaign=microsoft- sentinel-this-week-issue-79 | [Want to discuss this further? Hit me up on Twitter or LinkedIn] [Subscribe to the RSS feed for this blog] [Subscribe to the Weekly Microsoft [] | Saturday | Rod Trent | Community,Microso |
| Posts | https://samcogan.com/post/ | | Saturday | Sam Cogan | Comi |
| Using Host Process Containers to Interact with Kubernetes Windows Nodes | https://samcogan.com/using-host-process-containers-to- interact-with-kubernetes-windows-nodes/ | Sometimes you need your Kubernetes workloads to interact with the underlying host OS, this can be for many reasons but a few common scenarios include: Monitoring [] | Saturday | Sam Cogan | Comi |
| Programmatically Generate Cloud Resource Names – Part 1 | https://blog.tyang.org/2022/09/10/programmatically- generate-cloud-resource-names-part-1/ | Many organizations have naming standard for cloud resources just like server naming conventions for on- premises data centers. Few | Saturday | Tao Yang | Community,A: |

| | | years ago during a cloud migration project, the [] | | |
|--|--|--|----------|-----------------------|
| Programmatically Generate Cloud Resource Names – Part 2 | https://blog.tyang.org/2022/09/10/programmatically- generate-cloud-resource-names-part-2/ | This is the part 2 of the 2-part series on Programmatically Generate Cloud Resource Names. If you haven't read the Part 1, make sure you read [] | Tao Yang | Community,Azure,Azure |

Azure Architecture Center (6 new or updated articles)

| Name | Link | Description | Publication Day | Category |
|---|--|---|--------------------|-------------------------------|
| Anomaly detector process in near-real-time | https://docs.microsoft.com/azure/architecture/solution-ideas/articles/anomaly-detector-process | Learn about Anomaly Detector and see how anomaly detection models are selected with time-series data. | Sunday | Azure Architecture,updated |
| Connected factory hierarchy service | https://docs.microsoft.com/azure/architecture/solution- ideas/articles/connected-factory-hierarchy-service | Implement a hierarchy service so business stakeholders can centrally define the organization of production assets like machines within factories. | Sunday | Azure Architecture,updated |
| IoT Edge railroad maintenance and safety system | https://docs.microsoft.com/azure/architecture/example- scenario/predictive-maintenance/iot-predictive- maintenance | Learn how a railway company implemented an intelligent IoT Edge train safety solution for fast, reliable defect identification and predictive maintenance. | Sunday | Azure Architecture,updated |
| Azure Database for PostgreSQL intelligent apps | https://docs.microsoft.com/azure/architecture/solution-ideas/articles/intelligent-apps-using-azure-database-for-postgresql | Use Azure Database for PostgreSQL to develop sophisticated machine learning and visualization apps that provide analytics and information that you can act on. | Monday | Azure Architecture,updated |
| End-to-end computer vision at the edge for manufacturing | https://docs.microsoft.com/azure/architecture/reference- architectures/ai/end-to-end-smart-factory | Use Azure IoT Edge, MLOps, and human-in- the-loop notifications to train and deploy an ML computer vision solution for manufacturing. | Saturday | Azure Architecture,updated |
| Quality assurance | https://docs.microsoft.com/azure/architecture/solution- ideas/articles/quality-assurance | Build a quality assurance system that collects data and improves productivity by identifying potential problems in a manufacturing pipeline before they occur. | Saturday | Azure Architecture,updated |

Microsoft Learn (99 new or modified learn modules)

| Name | Link | Description | Publication Day | Category |
|--|--|--|--------------------|---|
| Build programs using Python coding in Minecraft with Azure Notebooks | https://docs.microsoft.com/en- us/training/modules/build- programs-use-python-coding- minecraft-azure-notebooks | Apply coding knowledge in Python, a text-based programming language, through Minecraft: Education Edition to facilitate Python coding in the classroom with students. | Friday | Microsoft Learn,Minecraft |
| Establish partnerships and funding for the Minecraft Student Ambassador program | https://docs.microsoft.com/en- us/training/modules/establish- partnerships-funding-msa-program | Building partnerships allows you to secure funding for needed items. This is module 7 in the Minecraft Student Ambassador program learning path. | Friday | Microsoft Learn,Minecraft |
| Bring anti-racism work to students | https://docs.microsoft.com/en- us/training/modules/bring-anti- racism-work-students | Educators walk through lessons and theory on how to work with students as they become allies and anti-racists. This is the sixth module in a learning [] | Friday | Microsoft Learn,Flipgrid,Office OneNote |
| Consider privilege and fragility in the antiracism journey | https://docs.microsoft.com/en- us/training/modules/consider- privilege-fragility-anti-racism- journey | This module explores how power, privilege, and fragility negatively affect the social, emotional, and academic flourishing of BIPOC students. This is the fifth module in a [] | Friday | Microsoft Learn,Flipgrid,Office OneNote |
| Minecraft apply and enrich: Redstone engineering | https://docs.microsoft.com/en- us/training/modules/minecraft- redstone-engineer | Redstone connects you to engineering practices students use in Minecraft. Explore what redstone is, see examples of classroom use, and practice with an in-game tutorial. | Friday | Microsoft Learn,Minecraft |
| Teach AP Computer Science Principles with the Microsoft MakeCode curriculum | https://docs.microsoft.com/en- us/training/modules/teach-ap- computer-science-principles- makecode | Educators learn about the curriculum framework of the AP Computer Science Principles course and how the Microsoft MakeCode curriculum meets the course's curricular goals. | Friday | Microsoft Learn,Microsoft MakeCode |
| Flipped instruction with PowerPoint Recorder | https://docs.microsoft.com/en- us/training/modules/flipped- instruction-powerpoint-recorder | Use PowerPoint Recorder to flip instruction, provide content for students outside of class, and help improve student outcomes. | Friday | Microsoft Learn,Office PowerPoint |
| Use Power Automate to increase productivity | https://docs.microsoft.com/en- us/training/modules/use-power- automate-increase-productivity | Educators gain a greater understanding of what Power Automate is and explore what Power Automate can do. See how Power Automate can benefit educators simplify everyday [] | Friday | Microsoft Learn,Microsoft Power Platform Power Automate,Microsoft Teams,Office 365 |
| Automate scheduling with Microsoft Bookings | https://docs.microsoft.com/en- us/training/modules/automate- scheduling-microsoft-bookings | Microsoft Bookings helps educators save time and increase automation in their day-to-day tasks. Automate scheduling meetings and events | Friday | Microsoft Learn,Microsoft Teams |

| | | —in person, online, one-to-one, and one-to- many. Bookings automates the [] | | |
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| Research and learn using Microsoft Edge | https://docs.microsoft.com/en- us/training/modules/research- learn-using-microsoft-edge | Educators and students use Microsoft Edge features to generate citations for research, solve math problems using Math Solver, set up vertical tabs, and read their own [] | Friday | Microsoft Learn,Office 365 |
| Student and school success – Education Transformation Framework | https://docs.microsoft.com/en- us/training/modules/student- school-success-education- transformation-framework | School success is anchored in equity and inclusion. Building capacity through professional learning and development for all ensures students develop their social and emotional skills and [] | Friday | Microsoft Learn,Microsoft Teams |
| Transform education with strategic leadership | https://docs.microsoft.com/en- us/training/modules/transform- education-strategic-leadership | Schools and systems work collaboratively for the improvement of student outcomes. With an approach that supports shared and distributive leadership both for the system and the [] | Friday | Microsoft Learn,Flipgrid,Microsoft Teams,Office Microsoft Forms |
| Dyslexia Teaching: Part 3, In partnership with Made By Dyslexia | https://docs.microsoft.com/en- us/training/modules/dyslexia- teaching-part-3 | Our Dyslexia Teaching module allows you to deepen your understanding of dyslexia. Part 3 gives you next-level strategies and solutions for memory, organization & concentration, math, [] | Friday | Microsoft Learn,Windows |
| Empower every student with an inclusive classroom | https://docs.microsoft.com/en- us/training/modules/empower- every-student-with-inclusive- classroom | This module is designed for educators of all subject areas who want to empower students to utilize tools to unlock their full potential by addressing a [] | Friday | Microsoft Learn,Office 365,Office OneNote,Windows |
| Understand artificial intelligence with AI Foundations: Imagine Cup Junior | https://docs.microsoft.com/en- us/training/modules/understand- artificial-intelligence-imagine-cup- junior | Learn what AI is, why it's needed, and how cloud computing and platforms relate to it. This module is part of the AI Foundations: Imagine Cup [] | Friday | Microsoft Learn,Azure,Minecraft |
| Become aware of bias in the anti-racism journey | https://docs.microsoft.com/en- us/training/modules/become- aware-bias-affects | This module develops an understanding of bias and presents activities on awareness of how bias affects what we think and do. This is the fourth module [] | Friday | Microsoft Learn,Flipgrid,Office OneNote |
| Assemble learners and staff with Microsoft Teams meetings | https://docs.microsoft.com/en- us/training/modules/assemble- learners-staff-microsoft-teams- meetings | Discover new ways to create and share Microsoft Teams meetings that facilitate sharing different types of content from various sources. Explore the granular controls educators need [] | Friday | Microsoft Learn,Microsoft Teams |
| Engage 21st century learners: Leverage Squigl to improve student engagement and learning outcomes | https://docs.microsoft.com/en- us/training/modules/leverage- squigl-improve-engagement- outcomes | This module focuses on the impact of engagement on student learning. The module explores digital storytelling and ways to use Squigl to create and deliver captivating [] | Friday | Microsoft Learn,Microsoft Teams |
| Practice collaborative skills with the 21CLD collaboration dimension | https://docs.microsoft.com/en- us/training/modules/practice- collaborative-skills-21cld- collaboration | This module helps educators design learning activities for learners to develop collaboration skills. It introduces the levels of collaboration: sharing responsibility, making substantive decisions together, and [] | Friday | Microsoft Learn,Office 365 |
| Leading Schools of 2030 | https://docs.microsoft.com/en- us/training/modules/lead-schools- 2030 | In the recent study, The class of 2030 and life- ready learning, Microsoft partnered with McKinsey & Company's Education practice to gain valuable insights about how we [] | Friday | Microsoft Learn,Flipgrid,Microsoft Teams,Office OneNote |
| Beneath the surface: Device details for IT administrators | https://docs.microsoft.com/en- us/training/modules/beneath- surface-it-administrators | Learn the characteristics of the Microsoft Surface suite of devices including the suite's security, firmware, software optimization, and versatility. | Friday | Microsoft Learn,Surface,Windows |
| Dyslexia Teaching: Part 2, In partnership with Made By Dyslexia | https://docs.microsoft.com/en- us/training/modules/dyslexia- teaching-part-2 | Our Dyslexia Teaching training allows you to deepen your understanding of dyslexia. Part 2 shows you next-level strategies and solutions for reading, spelling, and writing. | Friday | Microsoft Learn, Windows |
| Improve communication skills with the 21CLD skilled communication dimension | https://docs.microsoft.com/en- us/training/modules/improve- communication-skills-21cld | This module introduces the concept of skilled communication to educators and supports them in designing learning activities to help young people develop this important skill. | Friday | Microsoft Learn,Office 365 |
| Empower school leaders and tech-savvy educators with Windows 11 and Windows 11 SE: Course 101 | https://docs.microsoft.com/en- us/training/modules/windows-11- 101 | This module helps education leaders understand why and how to use Windows 11 and Windows 11SE in the classroom and online. It comprises best practices for [] | Friday | Microsoft Learn,Office 365,Office OneDrive,Windows |
| Embed 21st century skills with 21st century learning design | https://docs.microsoft.com/en- us/training/modules/embed-21st- century-skills-21st-century-learning- design | Implement 21st century skills and learning into classes using 21CLD for lesson design. Practical activities help educators reflect on their practice and that of other educators. | Friday | Microsoft Learn,Office 365 |
| Creative expression and social emotional learning with Buncee | https://docs.microsoft.com/en- us/training/modules/create- expression-social-emotional- learning-buncee | The module will guide educators on using creative expression as a means to foster the core competencies of social-emotional learning (SEL). | Friday | Microsoft Learn,Microsoft Teams,Office 365,Office OneNote |
| Connect faculty and learners with Canvas and Microsoft 365 | https://docs.microsoft.com/en- us/training/modules/connect- faculty-learners-canvas-microsoft- 365 | The advantages of utilizing the Canvas learning management system with Microsoft Office 365 apps are highlighted in this module. Each platform has its own features for [] | Friday | Microsoft Learn,Office 365 |

| Countdown to successful family-teacher conferences | https://docs.microsoft.com/en- us/training/modules/countdown- successful-family-teacher- conferences | Communicating student progress to parents creates a stronger home-school connection within the classroom. This course is designed to give educators an understanding of how to use [] | Friday | Microsoft Learn, Microsoft Teams, Office One Note, Office Power Point |
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| Converse, collaborate, and build community in Teams | https://docs.microsoft.com/en- us/training/modules/converse- collaborate-build-community-teams | Microsoft Teams in educational settings is a hub for content and the centerpiece for collaboration. Teams facilitates communication between educators and students, families, colleagues, and the [] | Friday | Microsoft Learn,Microsoft Teams |
| Enhance social and emotional learning (SEL) with School Day | https://docs.microsoft.com/en- us/training/modules/enhance- social-emotional-learning-with- school-day | Learn how social and emotional skills improve students' academic success and mental health. Become an expert on how to use School Day on Microsoft Teams. | Friday | Microsoft Learn,Microsoft Teams |
| Staying connected with remote learning through Microsoft Teams and Office 365 | https://docs.microsoft.com/en- us/training/modules/staying- connected-remote-learning- microsoft-teams-office-365 | Are you moving from a face-to-face classroom to an online/remote learning experience? This module explores the considerations, procedures, and planning that administrators and educators will need [] | Friday | Microsoft Learn,Microsoft Teams,Office 365,Office OneNote |
| Minecraft 201: Let's modify together | https://docs.microsoft.com/en- us/training/modules/minecraft- place-first-blocks | Build upon the skills learned in Minecraft 101 by continuing another build challenge introducing new in-game assessment tools and a multiplayer environment. Continue to look into [] | Friday | Microsoft Learn, Minecraft |
| Accept your identity in the anti-racism journey | https://docs.microsoft.com/en- us/training/modules/accept-your- identity-anti-racism-journey | This module dives into personal identities, specifically discussing race, and how those identities have shaped our personal belief systems. This is the third module in a [] | Friday | Microsoft Learn,Flipgrid,Office OneNote |
| Start the anti-racism journey | https://docs.microsoft.com/en- us/training/modules/start-anti- racism-journey | Understand the process that will be used as the learning path guides you through the anti-racism learning journey. This is the first module in a learning [] | Friday | Microsoft Learn,Flipgrid,Office OneNote |
| Introduce esports in education | https://docs.microsoft.com/en- us/training/modules/introduce- esports-education | This module is designed to support educators in understanding what is esports (electronic sports) and the role of esports in educational settings. | Friday | Microsoft Learn, Minecraft |
| Collaborate faster using Microsoft Teams for higher education staff | https://docs.microsoft.com/en- us/training/modules/collaborate- faster-microsoft-teams-higher- education-staff | Microsoft Staff and PLC Teams provide the perfect location to work with colleagues on projects, curriculum adoptions, and even university-wide initiatives. Administrators can communicate and collaborate [] | Friday | Microsoft Learn, Microsoft Teams, Office One Note |
| Teaching and learning – Education Transformation Framework | https://docs.microsoft.com/en- us/training/modules/teaching- learning-education-transformation- framework | In this module school leaders and educators learn to help students achieve their potential by taking a student-centered approach to explore all aspects of teaching and [] | Friday | Microsoft Learn,Microsoft Teams |
| Minecraft apply in the classroom: Classroom readiness | https://docs.microsoft.com/en- us/training/modules/minecraft- classroom-readiness | Educators are introduced to building a structure for using Minecraft: Education Edition in their learning environments and with their students. | Friday | Microsoft Learn, Minecraft |
| Support social and emotional learning with Microsoft tools | https://docs.microsoft.com/en- us/training/modules/support-social- emotional-learning | This module introduces social and emotional learning and gives practical ways to use Microsoft tools such as Minecraft and Flipgrid to augment and enhance learning. | Friday | Microsoft Learn,Flipgrid,Microsoft Teams,Office OneNote |
| Transform learning with 21st century learning design | https://docs.microsoft.com/en- us/training/modules/transform- learning-21st-century-learning- design | Understand the concept of 21st century learning design. Explore learning in the 21st century and innovative teaching practices that support the development of 21st century skills. | Friday | Microsoft Learn,Office 365 |
| Minecraft apply and enrich: Chemistry | https://docs.microsoft.com/en- us/training/modules/minecraft- chemistry | This module is designed to guide educators to better understand the Chemistry and Science functionality in Minecraft: Education Edition and how the game supports inquiry and [] | Friday | Microsoft Learn, Minecraft |
| Keep students safe in the Minecraft Student Ambassador program | https://docs.microsoft.com/en- us/training/modules/keep-students- safe-minecraft-student-ambassador- program | Prioritizing student safety at sponsored events is key. This is module 6 in the Minecraft Student Ambassador Program learning path. | Friday | Microsoft Learn,Minecraft |
| Code Jumper: An inclusive physical coding language | https://docs.microsoft.com/en- us/training/modules/code-jumper- inclusive-physical-coding-language | Code Jumper is an easy platform to help students, with or without visual impairments, build the necessary coding skills for a modern workplace. | Friday | Microsoft Learn,Office 365 |
| Meet your ambassadors in the Minecraft Student Ambassador program | https://docs.microsoft.com/en- us/training/modules/meet- ambassadors-minecraft-student- ambassador-program | It's time to meet your Minecraft Student Ambassadors! This is Module 4 in the Minecraft Student Ambassador Program learning path. | Friday | Microsoft Learn,Minecraft |
| Innovation in the library with Microsoft Education and Buncee | https://docs.microsoft.com/en- us/training/modules/innovation- library-microsoft-education-buncee | This module covers how librarians can use Microsoft Education tools and Buncee to bring innovative and equitable instruction to their libraries and school. | Friday | Microsoft Learn,Flipgrid,Microsoft Teams,Office OneNote |
| OneNote Class Notebook: A teacher's | https://docs.microsoft.com/en- us/training/modules/onenote-class- | OneNote Class Notebook is platform for teachers to prepare instructional material and collaborate | Friday | Microsoft Learn,Office OneNote |

| all-in-one notebook for | notebook-teacher-all-in-one- | with students. Create a Class Notebook and build | | |
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| students | <u>notebook</u> | instructional content to use with [] | | |
| Digital citizenship: Prepare today's learners for online success | https://docs.microsoft.com/en- us/training/modules/digital- citizenship-prepare-todays-learners | Using technology well and understanding how online actions affect self and others are foundational skills. These skills are necessary to understand the importance of teaching digital [] | Friday | Microsoft Learn, Windows |
| Close the feedback loop in Microsoft Teams with Nurture | https://docs.microsoft.com/en- us/training/modules/close- feedback-loop-microsoft-teams- with-nurture | Nurture closes the feedback loop between teachers and students. See the research that guides your work behind the scenes to simplify formative feedback, save time and [] | Friday | Microsoft Learn,Microsoft Teams |
| Set up Microsoft Edge for learning and teaching | https://docs.microsoft.com/en- us/training/modules/set-up- microsoft-edge-learning-teaching | Set up Microsoft Edge to support learning and teaching. Customize your browser using features like Favorites, Extensions and more so it supports security and productivity. | Friday | Microsoft Learn,Office 365 |
| Manage classes, resources, assessment, and planning in Microsoft Teams with Beedle | https://docs.microsoft.com/en- us/training/modules/manage- classes-resources-assessment- planning-beedle | A module to guide users through the various teaching and learning enhancements that Beedle provides within Microsoft Teams, with many examples of everyday application. | Friday | Microsoft Learn,Azure,Microsoft Teams,Office 365 |
| Close the STEM gap by engaging girls | https://docs.microsoft.com/en- us/training/modules/close-stem- gap-engaging-girls | Create conditions for STEM learning and context for applications to authentically engage women. This module introduces educators to research and resources that support STEM education for [] | Friday | Microsoft Learn,Microsoft MakeCode,Microsoft Teams,Minecraft |
| Begin Python coding in Minecraft with MakeCode and Azure Notebooks | https://docs.microsoft.com/en- us/training/modules/begin-python- coding-minecraft-makecode-azure- notebooks | Educators use the basics of Python, a text-based programming language, in Minecraft: Education Edition to build out coding knowledge to facilitate Python coding in the classroom | Friday | Microsoft Learn, Minecraft |
| Minecraft apply in the classroom: Collaborative Gameplay | https://docs.microsoft.com/en- us/training/modules/minecraft- collaborative-gameplay | Minecraft: Education Edition encourages communication, creativity, and collaboration both on and offline. Collaborative Gameplay allows groups to be immersed in the virtual world of Minecraft: Education [] | Friday | Microsoft Learn,Minecraft |
| Enable student success with blended learning solutions in higher education | https://docs.microsoft.com/en- us/training/modules/enable- student-success-blended-learning- solutions-higher-edu | Microsoft 365 tools can help higher education educators build a successful blended learning experience, from design and delivery to student engagement and educator feedback. | Friday | Microsoft Learn,Microsoft Teams |
| Minecraft 101: Let's build individually | https://docs.microsoft.com/en- us/training/modules/minecraft- intro-game-based-learning | Minecraft: Education Edition supports game- based teaching and learning in a creative, collaborative, and problem-solving immersive environment. Model a house building lesson, assess the lesson, and apply [] | Friday | Microsoft Learn, Minecraft |
| Create a computer science curriculum with the Microsoft Computer Science Curriculum Toolkit | https://docs.microsoft.com/en- us/training/modules/create- computer-science-curriculum | Learn the importance of integrating computer science into curricula, how the Microsoft Computer Science Curriculum Toolkit guides the creation of a spiraling computer science curriculum, and [] | Friday | Microsoft Learn,Windows |
| Dyslexia Awareness: Part 1, in partnership with Made By Dyslexia | https://docs.microsoft.com/en- us/training/modules/dyslexia- awareness-part-1 | Microsoft and Made By Dyslexia's shared mission empowers people with dyslexia to reach their potential. This module provides educators and parents essential insight into dyslexia. | Friday | Microsoft Learn,Office 365,Office OneNote |
| Use Education Insights Premium to identify trends and create targeted support | https://docs.microsoft.com/en- us/training/modules/use-education- insights-premium-trends-support | School leaders, team leads, and specialists are introduced to Education Insights Premium – a tool that turns digital class data into visualizations that support responsive teaching. | Friday | Microsoft Learn,Microsoft Teams |
| Hybrid learning in the primary classroom | https://docs.microsoft.com/en- us/training/modules/hybrid- learning-primary-classroom | This module expands upon the introduction module for hybrid learning, with a specific focus on creating a dynamic learning experience for students in primary grades. Primary [] | Friday | Microsoft Learn, Microsoft Teams, Office 365 |
| Explore the benefits of becoming a Microsoft Educator Trainer | https://docs.microsoft.com/en- us/training/modules/mie-trainer | Teacher trainers and people responsible for training educators on the integration of technology in the classroom are introduced to the Microsoft Educator Trainer program, program details, [] | Friday | Microsoft Learn,Office 365 |
| Get started with the Minecraft Student Ambassador program | https://docs.microsoft.com/en- us/training/modules/get-started- minecraft-student-ambassador- program | Start the journey to building your Minecraft Student Ambassador (MSA) Program today. This is module one in the Minecraft Student Ambassador Program learning path. | Friday | Microsoft Learn,Minecraft |
| Recruit students to the Minecraft Student Ambassador program | https://docs.microsoft.com/en- us/training/modules/recruit- students-minecraft-student- ambassador-program | Recruiting different types of students to your MSA program will ensure its success. This is module 3 in the Minecraft Student Ambassador Program learning path. | Friday | Microsoft Learn, Minecraft |
| Work collaboratively with Staff and PLC Teams | https://docs.microsoft.com/en- us/training/modules/working- collaboratively-staff-plc-teams | Staff Teams and PLC Teams in Microsoft Teams facilitate collaboration between professional colleagues and incorporate file sharing and organization. | Friday | Microsoft Learn, Microsoft Teams |

| Plan your year in the Minecraft Student Ambassador program | https://docs.microsoft.com/en- us/training/modules/plan-your-year | Providing opportunities for MSAs to grow skills and present is critical for success. This is module 5 in the Minecraft Student Ambassador Program learning path. | Friday | Microsoft Learn,Minecraft |
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| Immerse your students in creative, real-world problem solving with Mindsets | https://docs.microsoft.com/en- us/training/modules/immerse- students-real-world-problem- solving-mindsets | Educators will be introduced to the best practices around planning, integrating, and facilitating realworld learning in their classroom through the Mindsets Learning instructional platform. | Friday | Microsoft Learn,Microsoft Teams |
| Structure Teams through channels, tabs, files, and apps | https://docs.microsoft.com/en- us/training/modules/structure- teams-channels-tabs-files-apps | Besides the people, what makes up a team in Microsoft Teams? We examine the structure and components of a team that make Teams such an efficient [] | Friday | Microsoft Learn,Microsoft Teams |
| Intelligent environments – Education Transformation Framework | https://docs.microsoft.com/en- us/training/modules/intelligent- environments-education- transformation-framework | Develop safe and secure onsite and online environments. Use data analytics to optimize student outcomes and to create efficient, responsive, and sustainable processes and resources allocation. | Friday | Microsoft Learn,Microsoft Power Platform Power BI,Microsoft Teams |
| Leadership and policy – Education Transformation Framework | https://docs.microsoft.com/en- us/training/modules/leadership- policy-education-transformation- framework | In this module, school leaders and educators learn to envision and create an intentional culture of innovation and learning. This culture has shared goals that engage [] | Friday | Microsoft Learn,Microsoft Teams |
| Hybrid learning: A new model for the future of learning | https://docs.microsoft.com/en- us/training/modules/hybrid- learning-a-new-model-for-the- future-of-learning | This module introduces educators to the hybrid learning model. Educators will learn about the five elements of hybrid learning, how to implement them, and how to [] | Friday | Microsoft Learn,Microsoft Teams,Office 365 |
| Accessibility: Build the foundation for inclusive learning | https://docs.microsoft.com/en- us/training/modules/accessibility- build-foundation-inclusive-learning | This module explores accessibility through several foundational concepts. Learn to create an inclusive learning environment through consideration of each accessibility principle. | Friday | Microsoft Learn,Office 365,Windows |
| Create an inclusive environment with cultural leadership | https://docs.microsoft.com/en- us/training/modules/create- inclusive-environment-cultural- leadership | Effective school leaders recognize and understand the diverse cultures and populations they serve. They work to identify, address, and close achievement gaps by strategically creating equal [] | Friday | Microsoft Learn,Flipgrid,Microsoft Teams,Office Microsoft Forms |
| Create and collaborate with Canva for Education and Microsoft EDU | https://docs.microsoft.com/en- us/training/modules/create- collaborate-canva-microsoft-edu | Microsoft EDU has teamed up with Canva EDU to make creation, collaboration, and communication seamless for teachers and students. This module offers 10 units that will [] | Friday | Microsoft Learn,Microsoft Teams,Office OneNote,Office Word |
| Differentiation in the classroom using the built-in tools in Office 365 and Windows | https://docs.microsoft.com/en- us/training/modules/differentiation- classroom-built-in-tools-office-365- windows | Differentiation is building different ways of learning into lessons. Accommodations are tools that help students access materials and content that aren't otherwise accessible. Both are important [] | Friday | Microsoft Learn,Flipgrid,Microsoft Teams,Office 365 |
| Collaborate with colleagues through live Teams meetings and OneNote | https://docs.microsoft.com/en- us/training/modules/collaborate- colleagues-live-teams-meetings- onenote | Education colleagues collaborate using Microsoft Teams PLC Teams and Staff Teams. PLC Teams are for Personal Learning Communities to engage in professional and personal growth. Staff [] | Friday | Microsoft Learn,Microsoft Teams |
| Introduce coding in Minecraft: Education Edition | https://docs.microsoft.com/en- us/training/modules/introduce- coding-minecraft-education-edition | Explore how educators may use block-based coding in Minecraft: Education Edition to introduce programming to their learners. | Friday | Microsoft Learn, Minecraft |
| Develop strategies to support student- centered learning | https://docs.microsoft.com/en- us/training/modules/student- centered-learning | This module is for education leaders who are interested in developing and designing student-centered learning environments and experiences. | Friday | Microsoft Learn, Microsoft Teams, Office 365, Office One Note |
| Deepen educational experiences with the 21CLD ICT for learning dimension | https://docs.microsoft.com/en- us/training/modules/deepen- educational-experiences | This module highlights for educators the need to use information and communication technologies (ICT) to transform learning experiences and create and design new information and ICT [] | Friday | Microsoft Learn,Office 365 |
| Leverage data for action with Microsoft Education Insights | https://docs.microsoft.com/en- us/training/modules/leverage-data- for-action-microsoft-insights | Educators learn the features of Microsoft Education Insights and how to leverage the tools to identify trends and inform decision making to best support students. | Friday | Microsoft Learn,Microsoft Teams,Office 365 |
| Establish an esports club in your community | https://docs.microsoft.com/en- us/training/modules/establish- esports-club-community | Explore how to establish an inclusive and equitable esports program for diverse students. | Friday | Microsoft Learn, Minecraft |
| Promote social and emotional learning and well-being in education | https://docs.microsoft.com/en- us/training/modules/promote- social-emotional-learning-well- being-education | Educators learn steps to implement well-being in the classroom and practicing self-care, both in a natural and digital environment. | Friday | Microsoft Learn,Microsoft Teams,Windows |
| Lead forward: Integrate the best strategies from remote, hybrid, and blended learning for school leaders | https://docs.microsoft.com/en- us/training/modules/lead-forward- remote-hybrid-blended | Blending learning environments offers students the best of all worlds of learning. Blended learning incorporates direct instruction in a faceto-face setting, indirect online instruction, collaborative teaching, [] | Friday | Microsoft Learn,Windows |
| Hybrid learning for the adolescent learner | https://docs.microsoft.com/en- us/training/modules/hybrid- learning-for-the-adolescent-learner | This module expands upon the introduction course for hybrid learning, with a specific focus on creating a dynamic learning experience for students in grades 6-12. Secondary [] | Friday | Microsoft Learn, Microsoft Teams, Office One Note, Office Sway |

| Minecraft 301: Let's build worlds together | https://docs.microsoft.com/en- us/training/modules/minecraft- world-game-management | Build on the skills in Minecraft 101 and 201 through a build challenge with a small-group multiplayer environment that introduces world builders and special blocks. Continue [] | Friday | Microsoft Learn,Minecraft |
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| Engage and amplify with Flip | https://docs.microsoft.com/en- us/training/modules/engage- amplify-with-flipgrid | Integrate Flip into your classroom and beyond to empower every voice. Educators of all subject areas, early grades through higher education, explore Flip ideas and resources [] | Friday | Microsoft Learn,Flipgrid |
| Transition to Python in Minecraft: Education Edition | https://docs.microsoft.com/en- us/training/modules/transition- python-minecraft-education-edition | Explore how educators use Minecraft: Education Edition to teach Python. In addition to the content in the module, educators explore Minecraft: Education Edition worlds as a [] | Friday | Microsoft Learn,Minecraft |
| Minecraft Trainer Academy: Train educators to teach with M:EE in the classroom | https://docs.microsoft.com/en- us/training/modules/minecraft- trainer-academy-minecraft- education-classroom | The Minecraft: Education Edition Trainer Academy walks educators through best practices for preparing and facilitating a M:EE training for their organization, provides the training materials, and [] | Friday | Microsoft Learn, Minecraft |
| Combine the power of Schoology and Microsoft Teams | https://docs.microsoft.com/en- us/training/modules/combine- power-schoology-microsoft-teams | The benefits of Schoology and the power of Class Teams provide educators a combination that meets their needs and facilitates student growth in a modern classroom. | Friday | Microsoft Learn, Microsoft Teams, Office 365, Office One Drive |
| Keep students engaged: Build strong student/teacher connections in a remote learning environment | https://docs.microsoft.com/en- us/training/modules/keep-students- engaged-connections-remote- learning | This module provides educators practical ways to organize their remote learning experience in order to foster strong connections between students and teachers and to keep students [] | Friday | Microsoft Learn,Flipgrid,Microsoft Teams,Office OneNote |
| Understand APIs and public databases with AI Foundations: Imagine Cup Junior | https://docs.microsoft.com/en- us/training/modules/understand- api-public-database-ai-foundations- imagine-cup-jr | Explore the roles and types of APIs and databases and how they are a part of programming. This module is part of the AI Foundations: Imagine [] | Friday | Microsoft Learn, Azure, Windows |
| Engage teachers and students with Windows 11 and Windows 11 SE: Course 201 | https://docs.microsoft.com/en- us/training/modules/windows-11- 201 | This module helps school leaders and classroom teachers, elevate instructional practices and student achievement using Windows 11 and Windows 11 SE. | Friday | Microsoft Learn,Office 365,Windows |
| Transform the higher education experience with the Surface suite of devices | https://docs.microsoft.com/en- us/training/modules/transform- higher-education-experience-with- surface | The practical uses and integrations of the Surface suite provide faculty, staff, and students a collaborative work environment, and teaching and learning experience, where innovation abounds. | Friday | Microsoft Learn,Surface,Windows |
| Build social and emotional skills in your classroom community with Reflect | https://docs.microsoft.com/en- us/training/modules/build-sel-skills- with-reflect | Each student has emotions as complex and real as their supporting adults – but they don't always have the words to express and address those emotions. [] | Friday | Microsoft Learn,Microsoft Teams |
| Launch esports in your classroom with Minecraft: Education Edition | https://docs.microsoft.com/en- us/training/modules/launch- esports-classroom-minecraft | In this module, we'll learn how to utilize Minecraft: Education Edition in esports programs. The module provides support in leveraging the Minecraft esports content to host [] | Friday | Microsoft Learn, Minecraft |
| Create STEAM learning with Minecraft: Education Edition | https://docs.microsoft.com/en- us/training/modules/create-steam- learning-with-minecraft | This module explores how Minecraft helps embed STEAM elements across disciplines. It shares tips, advice, and resources for educators who are new to Minecraft, or those [] | Friday | Microsoft Learn, Minecraft |
| Minecraft apply in the classroom: Lesson Simulation | https://docs.microsoft.com/en- us/training/modules/minecraft- lesson-simulation | This module is designed to guide educators to experience how Minecraft: Education Edition supports standards aligned learning and provides in-game lesson plans and worlds to get [] | Friday | Microsoft Learn, Minecraft |
| Work with your IT team and the Minecraft Student Ambassador program | https://docs.microsoft.com/en- us/training/modules/work-with-it- team-minecraft-student- ambassador-program | Work with your IT team to resolve technology needs for your Minecraft Student Ambassador Program. This is module two in the Minecraft Student Ambassador Program learning [] | Friday | Microsoft Learn, Minecraft |
| Dyslexia Awareness: Part 2, in partnership with Made By Dyslexia | https://docs.microsoft.com/en- us/training/modules/dyslexia- awareness-part-2 | The Dyslexia Awareness modules are essential training for all educators and parents. Part 2 teaches foundational approaches for literacy, math, emotional impact, memory, organization, concentration, and [] | Friday | Microsoft Learn,Flipgrid,Minecraft,Office OneNote |
| Program AI with AI Foundations: Imagine Cup Junior | https://docs.microsoft.com/en- us/training/modules/program-ai- with-ai-foundations-imagine-cup- junior | Explore two of the computing languages used for Al programming, R and Python. Learn about Minecraft and The Hour of Code. This module is part of [] | Friday | Microsoft Learn,Azure,Minecraft,Windows Mixed Reality |
| OneNote Staff Notebook: Tools for staff collaboration | https://docs.microsoft.com/en- us/training/modules/onenote-staff- notebook | Collaborate with colleagues or staff using OneNote. OneNote Staff Notebooks have a personal workspace for every staff member or teacher, a content library for shared information, [] | Friday | Microsoft Learn,Microsoft Teams,Office OneNote |