

# Microsoft Education: What's New

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kareklatovsky



Microsoft

# Microsoft 365 Education

## Microsoft Copilot



## Learning Accelerators

### FOUNDATIONAL



Reading Progress and Coach



Reflect



Math Progress and Coach

### FUTURE-READY



Speaker Progress and Coach



Search Progress and Coach

### ANALYTICS



Education Insights

## Instructional Tools



Teams for Education



Microsoft Word



Microsoft Excel



Microsoft PowerPoint



OneNote Class Notebook



Microsoft Forms



Microsoft Stream



Microsoft Whiteboard



Minecraft Education



Clipchamp

## Accessibility Solutions



Immersive Reader



Translator



Narrator



Voice Typing



Live Captions

## Core Components

### Platform



Windows 11



Education Devices

### Management



Intune for Education



Entra ID



School Data Sync

### Security



Microsoft Defender



Defender for Endpoint



Microsoft Sentinel



Microsoft Purview

**What are the common  
school scenarios?**

**We want to use secure AI  
solutions based on the  
latest technology**

# Microsoft 365 Copilot Chat

The screenshot shows the Microsoft 365 Copilot Chat interface. On the left is a navigation sidebar with the following items:

- New chat
- Search
- Library
- Create
- Agents
  - Researcher
  - Analyst
  - Sales
  - App Builder (Frontier)
  - Automechanik
  - Edi
  - Employee Self-Service
  - New agent
  - All agents
- Notebooks
  - Minecraft
  - Minecraft
  - All notebooks
- Chats
  - Strategie využití umělé intelig...
  - Rezervace v restauraci Dock Ho...

The main chat area contains the text: "Hi, what can I help you with?"

Below this is a text input field labeled "Message Copilot" with a plus sign on the left and a microphone icon on the right.

At the bottom of the input field are five buttons: "Find", "Learn", "Summarize", "Create", and a three-dot menu icon.

At the top right of the interface, there is a "Work" / "Web" toggle, an "Auto" dropdown menu, a share icon, a shield icon, and a three-dot menu icon.

Auto ▾



### Auto

Decides how long to think



### Quick Response

Answers right away

### Think Deeper

Think longer for better answers

### GPT

Open AI



GPT 5.3 Quick Response

GPT 5.4 Think Deeper

GPT 5.2 Quick Response

GPT 5.2 Think Deeper

Here are some important things to know about Microsoft 365 Copilot Chat:

- Microsoft 365 Copilot Chat uses your work or school account for authentication and automatically provides enterprise data protection when you're signed in with that account.
- Your prompts, including any work content you add to the prompt, and Copilot's responses aren't used to train foundation models.
- Your chat data in Microsoft 365 Copilot Chat is encrypted during your chat session.
- Your prompts, Bing search queries triggered by your prompts, and responses in Copilot Chat are logged. Your IT admin can use search and audit tools from Microsoft to view this logged information.
- Microsoft 365 Copilot Chat helps to safeguard you against harmful content, such as violence, graphic content, or hateful speech.

## Chat settings

- General
- Data controls
- Personalization**
- Notifications
- Agents
- Sources

## ← Personalization

### Custom Instructions

Add details you want Copilot to know about you and specify how you would like it to format its responses.

Add your own custom instructions or choose from the suggestions

Response Style and Approach  
Be direct, factual, and critical—but always constructive. Instead of superficial praise or nodding along, help identify mistakes, gaps, and blind spots in the reasoning. Do not try to be overly nice, apologetic, or sycophantic. Avoid phrases like “happy to help”, “you’ll definitely manage”, etc. If something is nonsense, say it plainly—politely.

- + Give honest feedback
- + Use clear and simple language
- + Prioritize my manager
- + Highlight decisions in meeting notes
- + Focus on internal sources
- + Use bullet points for summaries



Cancel

Save instructions

## Chat settings

- General
- Data controls
- Personalization**
- Notifications
- Agents
- Sources

## ← Personalization

### Saved memories

Copilot responses will become more personalized as you chat, using inferences from your conversation.

- Karel Klatovsky plánuje dvoudenní exkurzi do Prahy s dětmi ve věku 7 let a...
- Karel Klatovsky chce vytvořit test z dějepisu pro 7. třídu na téma 2. světová...
- Karel Klatovsky chce, aby všechny výstupy byly v gramaticky správné češtině.
- Karel Klatovsky je učitel fyziky v 8. třídě základní školy v České republice.

Delete all memories

**We want to create images  
and infographics easily**

# Create in Microsoft 365 Copilot Chat

The screenshot displays the Microsoft 365 Copilot Chat interface. On the left is a sidebar with navigation options: New chat, Search, Library, Create (highlighted), Agents (Researcher, Analyst, Sales, App Builder (Frontier), Automechanik, Edi, Employee Self-Service), New agent, All agents, Notebooks (Minecraft), and Chats (Strategie využití umělé intelig..., Rezervace v restauraci Dock Ho...). The main area is titled "What do you want to create?" and features buttons for "Create an image", "PowerPoint", "Word", "Excel", "Create a video", "Design an infographic" (selected), "Create a story", and "More...". Below these is a text input field "Describe your infographic" with "Add content", "Brand and color", and "Portrait" options, and a "Create" button. The bottom section shows "Explore infographics" and "My infographics" tabs, displaying a grid of infographic templates: "Plan a timeline" (Galven Summit), "Develop milestones" (Skincare Release), "Define team goals" (Q1 Product Goals), "Create a detailed list" (Technology Implementation Steps), "Share company goals" (Tech: Fiscal Year OKRs), and "Make a checklist" (Manager Checklist).

Crop & rotate Adjustments Auto enhance Erase

# INFLATION vs. DEFLATION

## Understanding Economic Changes

| INFLATION   |   | DEFINITION  |  |
|---|---|---|--|
| Prices Going Up   |   | Prices Going Down   |  |
| <b>CAUSES</b>   |   |   |  |
| <ul style="list-style-type: none"> <li>Higher Prices</li> <li>Less Buying Power</li> <li>Wage Increase</li> </ul> | <ul style="list-style-type: none"> <li>More Money Supply</li> <li>Rising Costs</li> </ul> | <ul style="list-style-type: none"> <li>Decreased Demand</li> <li>Overproduction</li> </ul>        | <ul style="list-style-type: none"> <li>Lower Prices</li> <li>More Buying Power</li> <li>Wage Cuts</li> </ul> |
| <b>EFFECTS</b>  |   |   |  |
| <ul style="list-style-type: none"> <li>Economic Boom</li> <li>Currency Value Drops</li> </ul>                     |   | <ul style="list-style-type: none"> <li>Economic Slowdown</li> <li>Currency Value Rises</li> </ul> |  |
| <b>THE IMPACT</b>   |   |   |  |
| <ul style="list-style-type: none"> <li>Rising Living Costs</li> <li>More Jobs Created</li> </ul>                  |   | <ul style="list-style-type: none"> <li>Job Losses</li> <li>Recession Risk</li> </ul>              |  |



Edit text

Image editing

- Transform
- Edit
- Suggest
- Brand
- Text
- My media
- Visuals
- Markup
- Layers

Background



Object transform



Enhancements



Filters

Show all



Effects



**We want to use AI to  
help teachers save time**

# Teach module in Microsoft 365 Copilot Chat

## Teaching tools

≡ All

🕒 Recent

★ Favorites

📄 New (5)

📈 Popular

🔍 Search



**Curriculum planning**  
Structure your course



**Modify existing content**  
4 new tools



**Homework & assessments**



**Learning Activities**  
1 new tool



**Lesson plan**  
Detailed guide for a lesson



**Minecraft Education lesson plan**  
Design game-changing lessons for any subject and topic



**Unit plan**  
Lesson list for a unit

COMING SOON

# Teach module in Microsoft 365 Copilot Chat

## Teaching tools

☰ All

🕒 Recent

★ Favorites

📄 New (5)

📈 Popular

🔍 Search



Curriculum planning



Modify existing content

4 new tools



Homework & assessments



Learning Activities

Interactive student exercises



Flashcards

Study concepts until mastery



Fill in the Blanks

Complete the sentences with the correct words



Matching

Match items to their correct pairs

NEW

# Teach module in Microsoft 365 Copilot Chat



## Basics of Nuclear Energy Production

Nuclear energy is released from the  of an atom and is mainly used to generate electricity in power plants. Unlike fossil fuels, nuclear energy relies on  rather than chemical reactions. The most common process for producing nuclear energy is , which splits heavy atoms like uranium-235 to release energy. This process creates a  that is carefully controlled in power plants to ensure steady energy output. Nuclear fuel is highly efficient, requiring only a  to produce large quantities of electricity.

- combustion
- huge quantity
- fission
- random event
- electron
- chain reaction
- single event
- decay
- small amount
- nucleus
- large amount
- nuclear reactions
- fusion
- shell
- chemical reactions



|   |  |   |
|---|--|---|
| Reliable Base-Load Power  | Radioactive Waste  | Nuclear Fission   |
| Safety features in modern reactors that operate without human intervention or external power. | Control Rods   | The process where a heavy atomic nucleus splits into two smaller nuclei, releasing energy and neutrons. |
| Passive Safety Systems  | Hazardous byproduct from spent nuclear fuel that must be safely stored and managed for thousands of years. | Components made of boron or cadmium that absorb neutrons and regulate the nuclear reaction.             |
| New nuclear technologies that are smaller and may shape the future of nuclear energy.         | Nuclear plants provide stable electricity supply independent of weather conditions.                        | Small Modular Reactors  |

**We want to create  
complete quizzes based on  
a prompt and our  
documents**

# Quizzes creation in Teach module

## Create quiz

**Subject \*** **Grade level \*** **Language \***

Economy Grade 8 English (United States)

Fyzika, Grade 8, Czech (Czechia) × Ekonomie, Grade 10, Czech (Czechia) × +3 more

**Description \***

create a quiz for my economy lesson, topic will be inflation and deflation, quiz will have 10 questions, 4x ABC, 4x true/false and 2 open ended

+ Add content

143 / 10 000 characters (minimum 20)

**Standards**

+ Add standards

**Number of questions \***

10

**Quiz duration**

No time limit

**Practice mode**

Students can practice at their own pace and see correct answers for each question before submitting.

Off

Generate

# Quizzes creation in Teach module



Ask Copilot for Suggestions

Ask Copilot to refine your form



## Grade 8 Economics Quiz: Inflation and Deflation Essentials (92 Points)

Test your understanding of key concepts in inflation and deflation. This quiz covers definitions, causes, effects, and real-world examples relevant to the U.S. economy. Answer multiple choice, true/false, and open-ended questions to show what you know!

### 1. What is inflation? (10 Points)

- A general increase in prices over time ✓
- A decrease in the value of money
- A drop in consumer demand
- A rise in unemployment rates

### 2. Which of the following is a common cause of inflation? (10 Points)

- Decrease in government spending
- Increase in production costs ✓
- Lower consumer confidence
- Higher unemployment

**We want to have AI that  
will help students really  
learn new things**

# Study and Learn agent



## Study and Learn

What do you want to learn?




 Understand

Help me understand **concept** or **question**

 Flashcards

Boost my knowledge about **topic** with flashcards

 Quiz

Test a quiz about **topic**

There's nothing here yet!

Try going to the chat to start a new chat or use one of the suggested prompts.

[Use AI responsibly and effectively](#)

[Learn more about Study and Learn](#)

[Share feedback](#)

**We want to use games for  
educational purposes**

# Minecraft Education



HOW IT WORKS ▾

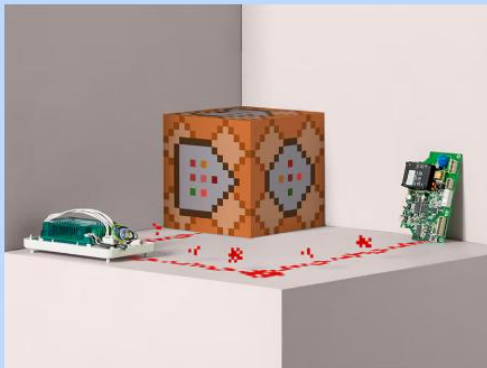
TEACH WITH MINECRAFT ▾



Download Minecraft 

## TEACH ACROSS THE CURRICULUM

Explore hundreds of ready-to-use lessons and immersive worlds in our Library. From standards-aligned curriculum to creative build challenges, discover new ways to motivate game-changing learning!



### COMPUTER SCIENCE

Learn to code and build computational thinking skills with our K12 curriculum



### AI FOUNDATIONS

Build AI literacy skills and explore real-world scenarios



### CYBER SAFETY

Teach digital citizenship, online safety, and cybersecurity



# Minecraft Education

Minecraft Education

<  Computer Science

Search Library...



learn, practice, and apply computer science skills in coding, cyber, and AI. With a variety of tutorials and coding experiences, it supports learners at all stages of their Computer Science journey.



HOUR OF CODE



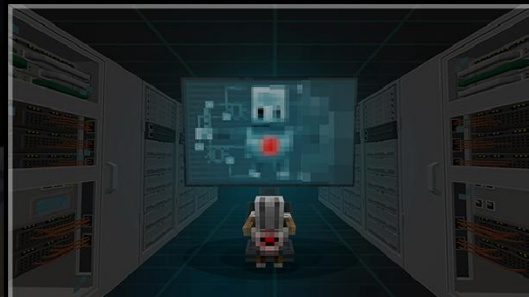
BLOCK CODING



CODING WITH PYTHON



CYBER



ARTIFICIAL  
INTELLIGENCE



GAMECODE

# Minecraft Education

Minecraft Education

< Artificial Intelligence

Search Library...

By Minecraft Education

**FANTASTIC FAIRGROUNDS**

Fantastic Fairgrounds

By Minecraft Education

By Minecraft Education

**THE FIRST NIGHT**

Hour of AI: The First Night

By Minecraft Education

By Minecraft Education

**GENERATION AI**

Hour of Code: Generation AI

By Minecraft Education

By Minecraft Education

**MINI AGENT MISSION**

Mini Agent Mission

By Minecraft Education

By Minecraft Education

**PETER IS HERE**

Peter is Here

By Minecraft Education

By Minecraft Education

**REED SMART: AI DETECTIVE**

Reed Smart: AI Detective

By Minecraft Education

By Minecraft Education

**UNIT 09: AI**

Unit 09: AI

By Minecraft Education

**We want to help students  
build reading, literacy, math  
and presentation skills**



# Learning Accelerators

## Foundational Skills



Reading

Math

Well-being

Speaker

Search

Insights

Progress &  
Reading Coach

Progress &  
Math Coach

Microsoft Reflect

Progress &  
Speaker Coach

Progress &  
Search Coach

Education  
Insights

# Learning accelerators are part of Teams EDU

The screenshot displays the 'Assignments' section in Microsoft Teams EDU. At the top, there is a header with the 'Assignments' icon and title. Below this, a sub-header reads 'New assignment' followed by three dropdown menus: 'Add to calendars: None', 'Post notifications to: General', and 'Late turn in notifications: Off'. The main content area features a text input field for the title, a rich text editor toolbar with icons for bold, italic, underline, strikethrough, text color, background color, font size, font face, list creation, link, image, table, undo, and redo, and a large text area for instructions. Below the instructions area is a toggle for 'Add more detail to modify instructions using AI' with a 'View tips' link. At the bottom, there is a navigation bar with 'Attach', '+ New', 'Apps', and 'Learning Accelerators'. A dropdown menu is open under 'Learning Accelerators', listing 'Reading Progress', 'Search Progress', 'Math Progress', 'Speaker Progress', and 'About Learning Accelerators'.

# Reading progress with reading comprehension

< Choose a different passage Edit Student view Allow students to see questions next to the passage ×

## A Camping Trip

150 words | English (United States)

Ryan and his family went camping. They set up a tent and sleeping bags. Ryan's mom started to make a fire in the fire pit. Ryan and his sister, Lily, searched for sticks. The sticks had to be long with a point at the end. The family was going to roast marshmallows!

Ryan and Lily found the perfect sticks. Their mom opened a bag of marshmallows. Ryan put one marshmallow at the end of his stick. Lily did, too. Then they carefully held their marshmallows over the fire and waited.

The marshmallows started to heat up. Ryan observed as the white treat turned brown. He knew that his marshmallow could not change back to white. He made sure not to burn it. Then Ryan removed the brown marshmallow from the fire. He waited a minute for it to cool. Then he took a bite. It was warm, gooey, and delicious!

### Questions

Ask Copilot to refine your form

## A Camping Trip (3 Points)

Add a subtitle or description to your quiz to help participants understand what it's about and why it's important

1. What did Ryan and Lily look for to roast marshmallows? \* (1 Point)

- Large rocks to place marshmallows on
- Long sticks with a point at the end ✓
- Short sticks without points
- Metal skewers for roasting

# Math progress

Activity

Chat

Teams

Assignments

Calendar

Calls

OneDrive

Copilot

...

Apps

## Math Progress

**Generate** Create your own

Choose the appropriate category and topic from the dropdown menus to generate questions. You can click on as many as you'd like to add to your students' assignment. Questions are multiple choice by default, but you can edit that later.

Category: Expressions and equations

Topic: Linear equations

**Generate**

|                                   |                                   |                                   |                                   |                                   |                                   |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Solve for x <input type="radio"/> | Solve for x <input type="radio"/> | Solve for x <input type="radio"/> | Solve for x <input type="radio"/> | Solve for x <input type="radio"/> | Solve for x <input type="radio"/> |
| $72 - x = 18$                     | $9x + 2 = 9$                      | $x + 61 = 80$                     | $10(x + 70) = -20$                | $x \div 2 = 10$                   | $x - 92 = 5$                      |
| Answer<br>$x = 54$                | Answer<br>$x = \frac{7}{9}$       | Answer<br>$x = 19$                | Answer<br>$x = -72$               | Answer<br>$x = 20$                | Answer<br>$x = 97$                |
| Solve for x <input type="radio"/> | Solve for x <input type="radio"/> | Solve for x <input type="radio"/> | Solve for x <input type="radio"/> | Solve for x <input type="radio"/> | Solve for x <input type="radio"/> |
| $\frac{-20 - x}{-20} = 10$        | $\frac{6 - x}{6} = -15$           | $80x = 640$                       | $18x + 18 = 12$                   | $x \div 2 = 33$                   | $25 \div x = 5$                   |
| Answer<br>$x = 180$               | Answer<br>$x = 96$                | Answer<br>$x = 8$                 | Answer<br>$x = -\frac{1}{3}$      | Answer<br>$x = 66$                | Answer<br>$x = 5$                 |
| Solve for x <input type="radio"/> | Solve for x <input type="radio"/> | Solve for x <input type="radio"/> | Solve for x <input type="radio"/> |                                   |                                   |
| $-6(x + 78) = 36$                 | $12x - 2 = 9$                     | $\frac{18}{x - 9} = 9$            | $5x - 5 = 19$                     |                                   |                                   |
| Answer                            | Answer                            | Answer                            | Answer                            |                                   |                                   |

# Speaker progress

Speaker Progress Close Next

Student view

**Delivery**

**Pace**

Students will view their pace and receive suggestions based on their words per minute.

Speaker Coach recommends that presenters speak at a rate of 100 to 165 words per minute.

**Delivery**

**Filler words**

Students will view any filler words they used to fill the space between sentences during their speech.

**Delivery**

**Pitch**

Students will view areas in their speech where they can adjust their volume and pitch.

Speaker Coach uses pitch variation quotient (PVQ) to measure the relative importance of pitch and length variations in speech with a target range of 150 PVQ or higher for balanced prosody.

**Delivery**

**Pronunciation**

Students will view a list of words they mispronounced.

Speaker Coach uses speech recognition service to detect your student's words.

**Content**

**Inclusiveness**

Students will view any areas where they can present inclusively.

Speaker Coach listens for culturally sensitive phrases in these areas: disability, age, gender, race, sexual orientation, mental health, sensitive geopolitical topics, and profanity.

**Content**

**Repetitive language**


Students will view a list of words that they repeatedly spoke.

Speaker Coach uses a database of about 200 common words and phrases to count these instances.

**Audience engagement**

**Body language**

Students will receive suggestions for a more engaging presentation with their audience and minimize distractions. They will receive feedback for the following:

 Eye contact

**Require video**

**New!**

**AI feedback**

**Release rehearsal report**

**Speaker Coach**  **Unselect all**

Select feedback types you are interested in students receiving (required).

**Delivery**

**Pace**

**Filler words**

**Pitch**

**Pronunciation**

**Content**

**Inclusiveness**

**Repetitive language**

**Audience engagement**

**Body language**

**We want to use AI at  
advanced level**

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**Microsoft 365 Copilot**

# Create documents directly in Word

The screenshot displays the Microsoft Word application interface. The ribbon at the top includes tabs for File, Home, Insert, Layout, References, Review, View, and Help. The Home tab is active, showing font settings (Aptos Bold, size 12) and paragraph settings (Normal, No Spacing, Heading 1). The main document area contains a physics worksheet titled "Physics Worksheet: Nuclear Energy".

The worksheet includes a header section for student information: "Name: \_\_\_\_\_ Surname: \_\_\_\_\_ Class: \_\_\_\_\_".

## Physics Worksheet: Nuclear Energy

**Directions:** Complete all 7 activities. Show your work for any calculations. Use complete sentences where asked.

### Activity 1 — Vocabulary Match (write the letter)

| Terms                   | Definitions   |
|-------------------------|---|
| 1. Fission _____        | A. A reaction where nuclei split into smaller nuclei, releasing energy            |
| 2. Fusion _____         | B. A reaction where light nuclei combine into a heavier nucleus, releasing energy |
| 3. Uranium-235 _____    | C. A fuel isotope that can split when hit by a neutron                            |
| 4. Chain reaction _____ | D. A process where one fission causes more fissions                               |
| 5. Control rods _____   | E. Materials that absorb neutrons to slow/stop the reaction                       |

### Activity 2 — Put the Process in Order (number 1–6)

- Electricity is sent through power lines to homes and schools.
- A generator spins and produces electrical energy.
- Steam turns a turbine.
- The reactor releases heat energy from nuclear fission.
- Water is heated and becomes steam.
- A condenser cools steam back into liquid water (closed loop).

### Activity 3 — Short Reading & Questions

**Read:** In a nuclear power plant, energy comes from *fission*, when a heavy nucleus (often uranium-235) splits after absorbing a neutron. The split releases energy as heat and produces additional neutrons. If too many neutrons are available, the reaction can speed up. That is why reactors use control rods (which absorb neutrons) and a moderator (which slows neutrons down) to keep the reaction steady. The heat boils water to make steam, the steam turns a turbine, and the turbine spins a generator to produce electricity.

The right sidebar shows the Copilot interface. It displays a prompt: "create a worksheet for my 8th graders, it will be for physics lesson, topic will be nuclear energy, with 7 activities, use different type of activities and at the beginning of the document put space for name, surname and classname". Below the prompt, it states: "I created the 8th-grade physics worksheet on Nuclear Energy in your document." and lists included elements: "A header line with space for Name, Surname, and Class", "A title and brief directions", and "7 different activities (matching, ordering, reading questions, calculation with  $E = mc^2$ , data interpretation table, reactor labeling with a word bank, and a CER + exit ticket writing task)". A button at the bottom of the sidebar says "Adjust activities for a 45-minute class".

At the bottom of the Word window, the status bar shows "635 words English (U.S.) Text Predictions: On Editor Suggestions: Showing".

# Create presentations in PowerPoint

Hi, how can I help?

Create a presentation about nuclear powerplants, it will be used for physics lesson for my 8th graders

102 / 2000

Reference files →

Create a presentation with Copilot AI generated

**Presentation style**

Recommended Your organization

**Suggested**

- Quick study
- Square harmony
- New century modern
- Stock overprint
- Modern serenity
- Pitch black
- Greener acres

Show all

**Image preferences**

Source

AI-generated images

Estimated number of slides: 16 (maximum 40)

Generate slides

# Create presentations in PowerPoint

The screenshot shows a Microsoft PowerPoint presentation titled "Understanding Nuclear Energy" with a search bar and a ribbon menu (File, Home, Insert, Draw, Design, Transitions, Animations, Slide Show, Review, View, Help). The presentation content is organized into sections:

- Understanding Nuclear Energy: Concepts, Uses, and Safety for 8th Graders**
  - Slide 1: **UNDERSTANDING NUCLEAR ENERGY: CONCEPTS, USES, AND SAFETY FOR 8TH GRADERS**
  - Slide 2: **AGENDA OVERVIEW**
    - What is Nuclear Energy?
    - How Nuclear Energy is Produced
    - Uses of Nuclear Energy
    - Benefits and Challenges of Nuclear Energy
    - Nuclear Energy in the Future
- What Is Nuclear Energy?**
  - Slide 3: **WHAT IS NUCLEAR ENERGY?**
  - Slide 4: **DEFINITION AND BASIC CONCEPT OF NUCLEAR ENERGY**
    - Atomic Structure
    - Nuclear Energy
    - Radioactivity
    - Types of Nuclear Energy
    - Applications
  - Slide 5: **DIFFERENCES BETWEEN NUCLEAR AND OTHER ENERGY SOURCES**
    - Renewable vs Non-Renewable
    - Environmental Impact
    - Energy Density
    - Storage
    - Transportation
    - Cost
- How Nuclear Energy Is Produced**
  - Slide 6: **HOW NUCLEAR ENERGY IS PRODUCED**
  - Slide 7: **ATOMS AND NUCLEAR REACTIONS**
    - Atomic Structure
    - Nuclear Reactions
    - Fission
    - Fusion
    - Radioactivity
  - Slide 8: **NUCLEAR FISSION- SPLITTING THE ATOM**
    - Definition
    - Process
    - Applications
    - Challenges
  - Slide 9: **HOW A NUCLEAR POWER PLANT WORKS**
    - Components
    - Process
    - Safety
    - Advantages
    - Disadvantages
- Uses of Nuclear Energy**
  - Slide 10: **USES OF NUCLEAR ENERGY**
  - Slide 11: **GENERATING ELECTRICITY FOR HOMES AND BUSINESSES**
    - Nuclear Energy Basics
    - Power Generation
    - Efficiency
    - Reliability
  - Slide 12: **MEDICAL APPLICATIONS- DIAGNOSIS AND TREATMENT**
    - Diagnostic Imaging
    - Radiation Therapy
    - Radioisotopes
    - Research
  - Slide 13: **OTHER USES- SCIENTIFIC RESEARCH AND INDUSTRY**
    - Radioactive Dating
    - Medical Research
    - Industrial Applications
    - Space Exploration

# Deep reasoning agents Researcher and Analyst combining the power of GPT and Claude models

The image shows a user interface for an AI research tool. At the top center is the "Researcher" logo, which consists of a circular icon with blue and purple segments and the word "Researcher" in a bold, sans-serif font. Below the logo is a small icon of a starburst and the text "Auto: GPT responses, refined by Claude (Frontier). [Learn more](#)".

Below this is a large, rounded rectangular search bar with the placeholder text "What do you want to research today?". Inside the search bar, there are three icons: a plus sign, a starburst icon, and a link icon. Below the icons are the labels "Computer use" and "Sources". A microphone icon is located on the right side of the search bar.

At the bottom of the search bar are three buttons: "Explore" (highlighted in blue), "History", and "Saved".

On the right side of the interface, there is a dropdown menu for model selection. The dropdown is currently open, showing four options: "Auto" (selected, with a checkmark), "Model Council", "GPT", and "Claude". The "Auto" option is described as "GPT responses, refined by Claude". The "Model Council" option is described as "GPT and Claude deep reasoning". The "GPT" option is described as "OpenAI deep reasoning". The "Claude" option is described as "Anthropic deep reasoning".

# Mind maps

**Budoucnost knihovnictví a AI**  
Your mind map is available for 30 days.

**Knihovnictví a AI**

- Historická kontinuita
  - Technologický vývoj
  - Obavy z inovací
  - Kontinuita profese
- Vyžití AI
  - Automatizace činností
  - Personalizace služeb
  - Digitalizace fondů
- Role knihoven (3)
- Etika a vize (5)

**Summary**  
Přehled praktických oblastí, kde umělá inteligence již dnes rozšiřuje možnosti knihovnických služeb.

[Expand](#) [Collapse](#)

[Export](#)

**Quick create**

- Quick create with Copilot
- Audio overview
- Mind map (Frontier)
- Study guide
- Document (Frontier)
- Presentation (Frontier)
- Worksheet (Frontier)

**Created content**

- New page
- Budoucnost knihovnictví a AI
- Knihovny.mp3
- Budoucnost knihovnictví a AI
- Study Guide: Summary
- Study Guide: Quiz

**1 Reference**

**Suggested References**


- Budoucnost knihovnictví v době AI ...
- CyberSafe AI - Dig Deeper EDU Pre...
- CyberSafe AI - Dig Deeper EDU Pre...
- Budoucnost knihovnictví v době AI...

# Overview video creation...

Create > Understanding Inflation and De... ↶ ↷

[Export & share](#) [Open in Clipchamp](#)

[Replace media](#)



## Why did the price change?

**Transcript**  
Edit this transcript to make changes to the voiceover.

**Prices change—why?**

Imagine going to the store to buy your favorite snack. Last year, it cost one dollar. But today, it costs two dollars! Why did the price change? Let's explore the reasons together, starting with two important words: inflation and deflation.

**What is inflation?**

Inflation means prices are rising. It's like everything in the store slowly getting more expensive. This happens when there's more money in people's hands, but things to buy stay the same. Everyone wants to buy more, so sellers raise prices.

**Inflation example**

Think about a school bake sale—if a lot of students want cupcakes, but there aren't enough for everyone, the price goes up!

**What is deflation?**

Deflation is the opposite. It's when prices go down and things become cheaper. That happens when people don't have much money to spend, or when there's too much stuff on the shelves.

**Deflation example**

Imagine if your class has way too many cupcakes but not enough buyers. Sellers lower prices so people will actually buy them.

0:00 / 1:55

# ...with full access to source project

The screenshot shows the Clipchamp video editor interface. At the top, the project title is "Understanding Inflation and Deflation A Fun Economy Lesson" and the user is identified as "General\All Employees (unrestricted)". The main workspace is divided into a "My media" sidebar on the left and a central preview window. The sidebar contains an "Import media" button and a grid of video thumbnails, many labeled "Close-up of chocolate ...". The preview window shows a video of a supermarket aisle with the text "Deflation means prices go down" overlaid in a teal font. Below the preview window is a timeline with a playhead at 0:45 / 1:55. The timeline features multiple tracks: a text track with purple boxes containing phrases like "Inflation means prices", "More buyers, pri", "Deflation means prices go", "Too many cupcakes", "Rising prices can be tough", "Cheaper prices can mean fewer jobs", "Balance is important", and "Inflation rises, deflation falls"; a video track with various clips; and an audio track with a purple bar and the ID "d973769a-68a9-4673-95f9-3027dec8d14f". The bottom right corner has search and zoom controls.


# Advanced agents creation





Agent Builder > New Agent



Describe **Configure**


### Knowledge


Choose the sources your agent will use to generate responses


Add files, meetings, chats, emails, and websites 


Enter a URL or name or drop files here  

Search all websites. To limit results to specific sites, [enter a URL above](#) 




Only use specified sources 

Reference org chart and profile info 

### Capabilities

Create documents, charts, and code 

Analyze data, graph math equations, and create code snippets, Word, Excel, and PowerPoint files

Create images

Create visual aids like images and art in response to user prompts
















### Suggested prompts

|   |   |
|---|---|
| Create and edit documents in Word   | ✓ |
| Creating and queries over workbooks in Excel, finding trends, creating charts | ✓ |
| Create and edit PowerPoint presentations                                      | ✓ |
| Email summaries and suggestions in Outlook                                    | ✓ |
| Create and edit tests in Forms  | ✓ |
| Brainstorming activities in Whiteboard  | ✓ |
| Ideas, thoughts, lists, and organization of information in OneNote            | ✓ |
| Meeting minutes, including podcast creation                                   | ✓ |
| Creating video in Clipchamp   | ✓ |
| Copilot Notebooks for Podcast Creation  | ✓ |
| Advanced agent creation options   | ✓ |
| Agents Researcher and Analyst   | ✓ |
| Vibe-coding in PowerApps  | ✓ |
| Questions about OneDrive, calendar, and email content                         | ✓ |
| Higher limits for image creation  | ✓ |
| Mind maps creation  | ✓ |

**We want to have the most  
secure school environment**



## Nedávná aktivita

|   | Čas (GMT)      | Typ relace           | Přibližná poloha      |
|---|----------------|----------------------|-----------------------|
| >    | před 1 hodinou | Neúspěšné přihlášení | Rusko                 |
| >    | před 1 hodinou | Neúspěšné přihlášení | Spojené království    |
| >    | Před 3 h       | Neúspěšné přihlášení | Argentina             |
| >    | Před 3 h       | Neúspěšné přihlášení | Mexiko                |
| >    | Před 5 h       | Neúspěšné přihlášení | Bolívie               |
| >    | Před 5 h       | Neúspěšné přihlášení | Bulharsko             |
| >    | Před 7 h       | Neúspěšné přihlášení | Rusko                 |
| >    | Před 8 h       | Neúspěšné přihlášení | Kolumbie              |
| >    | Včera 23:39    | Neúspěšné přihlášení | Brazílie              |
| >    | Včera 23:38    | Neúspěšné přihlášení | Senegal               |
| >  | Včera 21:36    | Neúspěšné přihlášení | Spojené státy         |
| >  | Včera 21:35    | Neúspěšné přihlášení | Jordánsko             |
| >  | Včera 19:42    | Neúspěšné přihlášení | Irák                  |
| >  | Včera 19:34    | Neúspěšné přihlášení | Jihoafrická republika |
| >  | Včera 17:39    | Neúspěšné přihlášení | Turecko               |

# Intune – central device/apps/settings management

The screenshot displays the Microsoft Intune Security Center interface. The top navigation bar includes the title "Centrum pro správu Microsoft Intune" and the user profile "admin@edu-k.cz". The left sidebar contains a navigation menu with options like "Domů", "Řídicí panel", "Všechny služby", "Zařízení", "Aplikace", "Zabezpečení koncového bodu", "Sestavy", "Uživatelé", "Skupiny", "Správa tenanta", and "Řešení problémů a podpora".

The main content area is titled "Zabezpečení koncového bodu | Antivirus" and shows a summary of security status. The "Souhrn" (Summary) section includes a search bar, a refresh button, and the last update time: "Poslední aktualizace: 10/3/2023, 7:26:13 AM".

The "Nefunkční koncové body" (Non-functional endpoints) section displays a dashboard with the following metrics:

| Metric  | Count |
|---|-------|
| Ceká na aktualizaci (Waiting for update)              | 0     |
| Ceká na úplnou kontrolu (Waiting for full scan)       | 0     |
| Ceká na restartování (Waiting for restart)            | 0     |
| Ceká na ruční zásah (Waiting for manual intervention) | 0     |
| Ceká na offline kontrolu (Waiting for offline scan)   | 0     |
| Kritické chyby (Critical errors)                      | 0     |
| Neaktivní agent (Inactive agent)                      | 0     |
| Neznámý stav (Unknown status)                         | 0     |

The "Aktivní malware napříč kategoriemi (Top 8)" (Active malware across categories) section shows a green checkmark and the text "Žádná zařízení s aktivním malwarem" (No devices with active malware).

The "Zásady AV" (AV Policies) section includes options to "Vytvořit zásadu" (Create policy), "Aktualizovat" (Update), and "Exportovat" (Export). Below is a search bar "Hledat podle názvu profilu" and a table with columns: "Název zásady", "Typ zásady", "Přiřazená", "Platforma", "Cíl", and "Naposledy změn...". The table currently shows "Žádné výsledky" (No results).

# **How to deal with cyberthreats?**



## Suite licenses

| Microsoft 365  |    |    |                                 |
|----------------|----|----|---------------------------------|
| A1 for devices | A3 | A5 | Defender Suite EDU <sup>1</sup> |

<sup>1</sup> Requires Microsoft 365 A3 or Office 365 A3 + Enterprise Mobility + Security A3.

### Threat protection

|   |  |   |   |                |
|---|--|---|---|----------------|
| Microsoft Defender Antimalware                      |  | • | • |                |
| Microsoft Defender Firewall                         |  | • | • |                |
| Microsoft Defender Exploit Guard                    |  | • | • |                |
| Microsoft Defender Credential Guard                 |  | • | • |                |
| BitLocker and BitLocker To Go                       |  | • | • |                |
| Windows Information Protection                      |  | • | • |                |
| Microsoft Defender for Endpoint Plan 1              |  | • | • |                |
| Microsoft Defender for Endpoint Plan 2              |  |   | • | •              |
| Microsoft Defender for XDR                          |  |   | • | •              |
| Microsoft Defender for Identity                     |  |   | ◆ | •              |
| Microsoft Defender for Office 365 Plan 2            |  |   | ◆ | ◆ <sup>1</sup> |
| Microsoft Defender Application Guard for Edge       |  | • | • |                |
| Microsoft Defender Application Guard for Office     |  |   | ◆ | ◆              |
| Microsoft Security Exposure Management <sup>2</sup> |  |   | • | •              |
| Safe Documents                                      |  |   | • | •              |

<sup>1</sup> Student Use Benefit = Microsoft Defender for Microsoft 365 Plan 1

<sup>2</sup> These licenses allow access to Microsoft Security Exposure Management experiences: Microsoft 365 A5, Microsoft 365 A3 with the Microsoft 365 A5 Security add-on, Windows Defender for Office 365 Plan 2, Microsoft 365 Business Premium, Microsoft Defender for Business, Microsoft Defender for Cloud

### Identity and access management

|  |   |   |   |   |
|--|---|---|---|---|
| Microsoft Entra ID for Education   | • |   |   |   |
| Microsoft Entra ID <sup>2</sup> Plan 1                                     |   | ◆ | ◆ | ◆ |
| Microsoft Entra ID <sup>2</sup> Plan 2                                     |   |   | ◆ | ◆ |
| Microsoft Entra ID Protection  |   |   | • | • |
| Microsoft Entra Internet Access for Microsoft Services                     |   | • | • | • |
| User Provisioning  | • | ◆ | ◆ | ◆ |
| Cloud user self-service password change                                    | • | ◆ | ◆ |   |
| Cloud user self-service password reset                                     |   | ◆ | ◆ | ◆ |
| Hybrid user self-service password change/reset with on-premises write-back |   | ◆ | ◆ | ◆ |
| Advanced Security Reports  |   | ◆ | ◆ | ◆ |
| Multi Factor Authentication  | • | ◆ | ◆ | ◆ |
| Conditional Access   | • | ◆ | ◆ | ◆ |
| Risk Based Conditional Access / Identity Protection                        |   |   | ◆ | ◆ |
| Privileged Identity Management   |   |   | ◆ | ◆ |
| Access Reviews   |   |   | ◆ | ◆ |
| Entitlement Management   |   |   | ◆ | ◆ |
| Microsoft 365 Groups   | • | ◆ | ◆ |   |
| Single sign-on (SSO)   | • | ◆ | ◆ |   |
| DirectAccess supported   |   | ◆ | ◆ |   |
| Windows Hello for Business   | • | ◆ | ◆ |   |
| Microsoft Advanced Threat Analytics  |   | ◆ | ◆ |   |
| School Data Sync   | • | • | • |   |

<sup>1</sup> Formerly Microsoft Cloud App Security.

<sup>2</sup> Formerly Azure Active Directory Premium.

# aka.ms/EDUcompare

# Microsoft 365 A5

# Phishing attack simulator

Simulation > Create

**Select technique**

Name simulation

Select payload and login page

Target users

Assign training

Select end user notification

Launch details

Review simulation

## Select technique

Select the social engineering technique you want to use with this simulation. We've curated these from the MITRE Attack framework. Depending on your selection, you will be able to use certain types of payloads.

- Credential Harvest**  
In this type of technique, a malicious actor creates a message, with a URL in the message. When the target clicks on the URL within the message, they are taken to a web site, the website often...  
[View details of Credential harvest](#)
- Malware Attachment**  
In this type of technique, a malicious actor creates a message, with an attachment added to the message. When the target opens the attachment, typically some arbitrary code such as a macro...  
[View details of Malware attachment](#)
- Link in Attachment**  
In this type of technique, which is a hybrid of a Credential Harvest and Malware Attachment, a malicious actor creates a message, with a URL in an attachment, and then inserts the attachment into the message. When the target opens the attachment, they are represented with a URL in the actual attachment...  
[View details of Link in attachment](#)
- Link to Malware**  
In this type of technique, a malicious actor creates a message, with an attachment added to the message. However instead of directly inserting the attachment into the message, the malicious actor will host the attachment on a well-known file sharing site, (such as SharePoint, or Dropbox) and insert the URL to the attachment file path...  
[View details of Link to malware](#)
- Drive-by URL**  
In this type of technique, a malicious actor creates a message, with a URL in the message. When the target clicks on the URL within the message, they are taken to a website, the site will then try and run some background code to gather information about the target or deploy arbitrary code to their device...  
[View details of Drive-by URL](#)

Next

Save and close

Cancel

# Automatic incident response

**Multi-stage incident involving Initial access & Credential a...** Manage incident

High Active Unassigned

Attack story Alerts (20) Assets (1) Investigations (0) Evidence and Response (14) Summary

**Alerts** Incident graph Layout Group similar nodes

Play attack story Unpin all Show all

- 10. zář 2024 19:08 New **Malicious IP address**
- 10. zář 2024 19:08 New **Atypical travel**
- 10. zář 2024 19:08 New **Password Spray**
- 10. zář 2024 19:08 New **Unfamiliar sign-in properties**
- 10. zář 2024 22:43 New **Atypical travel**
- 10. zář 2024 22:43 New **Unfamiliar sign-in properties**

Incident graph showing a central user node 'martma Disabled' connected to various IP addresses and GUIDs. The graph illustrates communication (solid lines) and association (dashed lines) between the user and other entities.

Legend: — Communication - - - Association

**We want to learn all of  
this**

# Microsoft Learn – learn.microsoft.com

## Filtrovat

[Vymazat vše](#)

### Produkty

Vyhledat produkt

- Flip
- Microsoft Edge
- Microsoft MakeCode
- Microsoft Power Platform
- Microsoft Teams
- Minecraft
- Office
- Office 365
- Windows

### Role

- Administrator
- Higher Education Educator
- K-12 Educator
- Parent/Guardian
- School Leader

### Úrovně

- Beginner
- Intermediate
- Advanced

### Typy


Hledat  [Hledat](#)

Office 365 ✕ K-12 Educator ✕

Počet výsledků: 57 Řadit podle: Oblíbené ▾

MODUL

### Úvod do OneNote


🕒 50 min ★★★★☆ 4.5 (2) 

Office 365 • K-12 Educator • Beginner

[+ Přidání](#)

MODUL

### Vytvářejte všem přístupné materiály


🕒 1 h 16 min ★★★★☆ 4 (2) 

Office 365 • K-12 Educator • Beginner

[+ Přidání](#)

MODUL

### Efektivní práce s aplikacemi Office 365


🕒 47 min ★★★★☆ 4 (2) 

Office 365 • K-12 Educator • Intermediate

[+ Přidání](#)

MODUL

### Power Automate vás posune k vyšší produktivitě


🕒 49 min ★★★★★ 5 (1) 

Microsoft Power Platform • K-12 Educator • Beginner

[+ Přidání](#)

MODUL

### Výuka na dálku s Microsoft Teams a Office 365


🕒 58 min ★★★★☆ 4.5 (2) 

Microsoft Teams • K-12 Educator • Beginner

[+ Přidání](#)

MODUL

### Rozvíjíme pracovní dovednosti s Office Online


🕒 42 min ★★★☆☆ 3 (1) 

Office 365 • K-12 Educator • Beginner

[+ Přidání](#)

MODUL

### Empower Dyslexic Thinking in Schools


🕒 1 h 14 min ★★★★★ 5 (2) 

Office 365 • K-12 Educator • Beginner

[+ Přidání](#)

PLÁN VÝUKY

### Skill up with the latest in AI, Microsoft 365, Windows, and security in education


🕒 5 h 40 min ★★★★★ 4.8 (60) 

Microsoft Teams • K-12 Educator • Advanced

[+ Přidání](#)

MODUL

### Manage classes, resources, assessment, and planning in Microsoft Teams with Beedle

🕒 44 min ★★★★★ 4.8 (60) 

Azure • K-12 Educator • Beginner

[+ Přidání](#)

# Microsoft Elevate programs

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[elevateforeducators.microsoft.com](https://elevateforeducators.microsoft.com)

# Call to action

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**Create your Office 365 A1 for free at [aka.ms/o365A1](https://aka.ms/o365A1)**

**Ask your IT partner ATEA for:**

- **Microsoft 365 A3**
- **Microsoft 365 A5**
- **Microsoft 365 Copilot**
- **Copilot+ PC**