

5th Primary School of Agrinio, Greece

“Breaking the Loop” - Poetry Meets Artificial Intelligence



Critical understanding of AI & creative expression

- Level: Primary School (11 year old students)

TENSILE

Project Number: KA220-SCH-015EE1B6

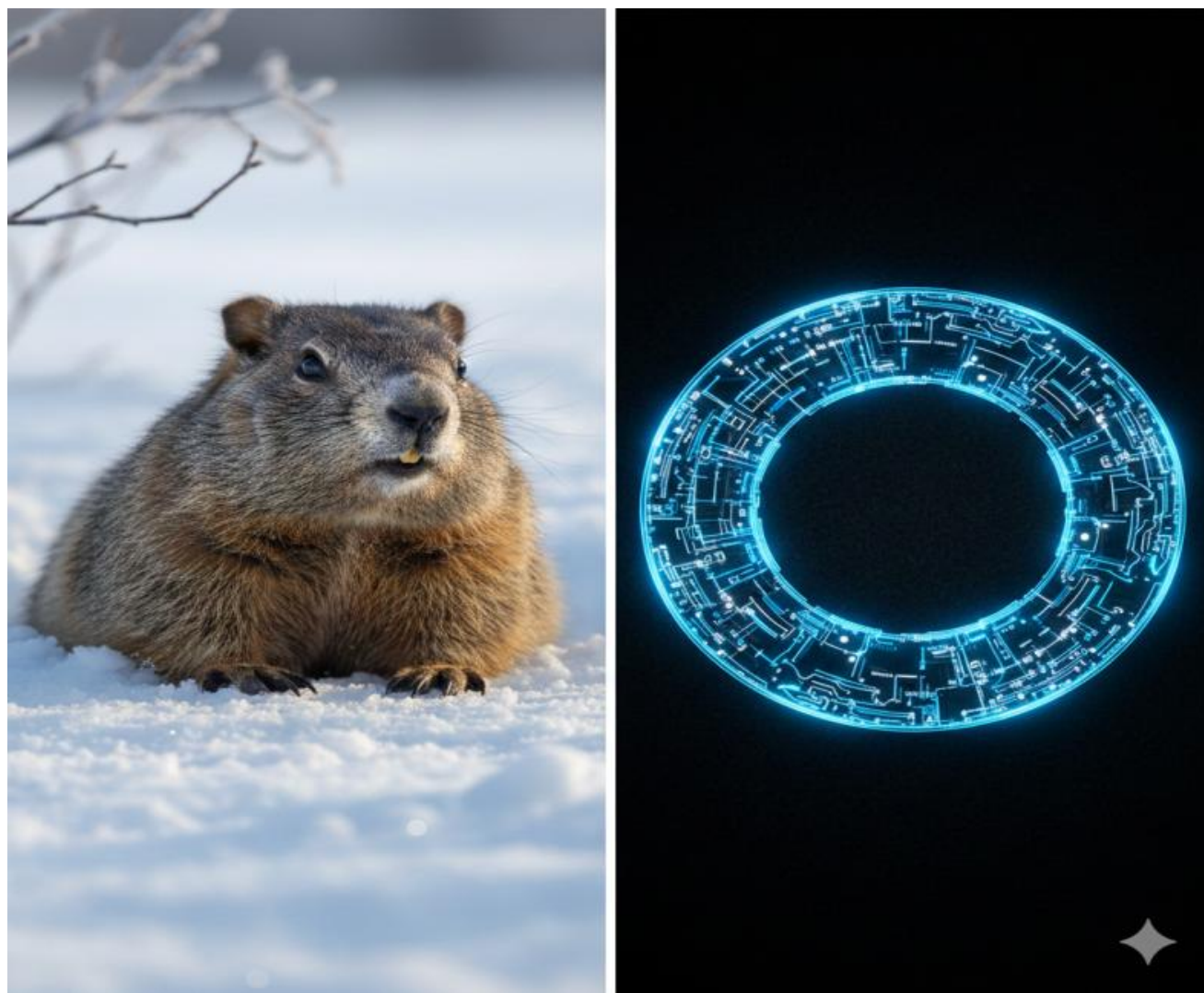


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Groundhog Day as a Metaphor for Algorithmic Repetition

“



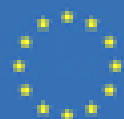
- **Groundhog Day** is a cultural event in the English-speaking culture that symbolises repetition. In popular interpretation, the groundhog appears “trapped” in the same recurring pattern — reliving the same day.
- We used this idea of the “**loop**” as a metaphor to help students understand how Artificial Intelligence works.

AI systems rely on:

- data
- repeated patterns

- **Central Question**

Can AI just repeat data — or can it create new data and meaning?



During English lessons,

students:

- studied major British writers **William Shakespeare, Charles Dickens and Roald Dahl**
- explored their historical time periods and how they described the emotions reflected in their works

Students discussed:

How did these writers feel about their time?

During ICT lessons,

students:

- used **Scratch** to create code for a scripted dialogue
- designed animated scenes where British writers “talked” about their eras

The screenshot shows a Scratch project titled "Shakespeare and Dickens ...". The script is as follows:

```

when clicked
  turn 15 degrees
  move 10 steps
  turn 15 degrees
  speak hello
  say Hello! for 1 seconds
  point in direction 90
  speak I am William Shakespeare!
  say I am William Shakespeare! for 1 seconds
  speak I was born in 1564.
  say I was born in 1564. for 1 seconds
  speak I lived in the Elizabethan era.
  say I lived in the Elizabethan era. for 1 seconds
  set voice to tenor
  broadcast Dickens talk
  when this sprite clicked
    turn 39 degrees
    turn 39 degrees
  
```

The project also features a stage with a backdrop of a snowy street scene and two cartoon characters, one holding a quill and the other a scroll. The sprite is a character named "ChatGPT Image Ja...".

AI generated image - British writers vs AI

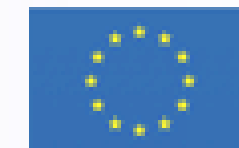
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- **Prompt : British writers chat with AI**
- Still, Charles Dickens is wearing Elizabethan clothes that belong to Shakespeare's era.
- **Ai mixed the centuries**

Central Question

Can AI make mistakes?



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Becoming Fact-Checkers



1st Activity - Ai messed up!

Spotting AI mistakes

- Students discovered errors in AI-generated texts that confused centuries and authors, mixing timelines and attributing works incorrectly.
- They restored historical accuracy, learning to question sources and verify information

Key lesson: Critical thinking remains essential even when technology provides instant answers.



Fix the poem! Can you circle the mistakes?

The "Glitched" Slam Poem

Shakespeare lived in the Victorian age.
He typed his plays on a stage.

Dickens walked through sunny streets.
Rich kids followed with happy feet.

Roald Dahl used robots and screens.
AI helped him write his books.

AI learned fast and
mixed it all.

But people's stories stayed strong.

Shakespeare error

AI said: Shakespeare lived in Victorian times

Truth: He lived during the Elizabethan era (1500s-1600s)

Meeting British Authors

Using AI avatars, students explored how British writers expressed their era's emotions and helped AI escape from the loop of data by searching and providing the correct data.

William Shakespeare



Charles Dickens



Roald Dahl



2nd Activity- Help AI find the correct data!

Victorian, 1564, 1812, spoiled children, quill,
Oliver Twist, Hamlet, poor kids, Matilda

William Shakespeare

- Born: _____ in Stratford-upon-Avon.
- Era: Elizabethan
- Famous Works: Romeo and Juliet, _____
- Topics: kings and queens, love, friendship
- Writing tool: _____
- Fun Fact: He invented over 1,700 words !



Slam Poetry-Where do stories come from?

Students crafted poems about writers and AI, exploring the question:

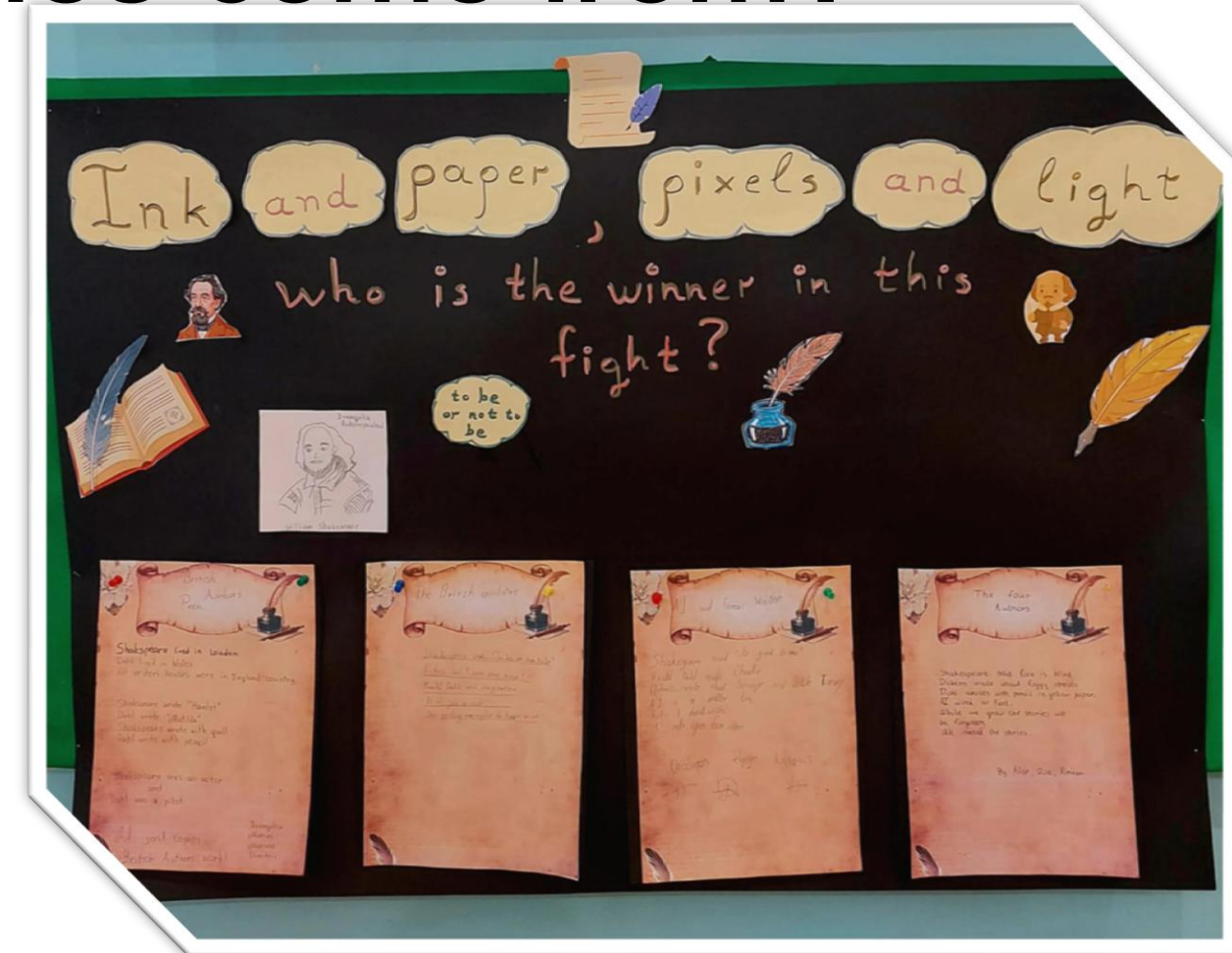
Where do stories come from?

Slam poetry

- combines writing with performance

- uses rhythm and genuine feelings to tell a story

Unlike AI-generated text, humans can express authentic emotions and personal experiences.



Shakespeare said "it's Greek to me"
Roald Dahl made Charlie
Dickens wrote about Scrooge and Little
Timmy
AI is a writer too
but it doesn't write,
it only copies from others



Ink and paper, pixels and light... who is the winner in this fight?



Ink and paper, pixels and light
who is the winner in this fight?

to be or not to be

British Authors poem

The British authors

AI and Famous Writers

The four Authors

Shakespeare lived in London
Dahl lived in Wales
All writers houses were in England country

Shakespeare wrote "Hamlet"
Dahl wrote "Matilda"
Shakespeare wrote with quill
Dahl wrote with pencil

Shakespeare was an actor
and
Dahl was a pilot

AI just copies
British Authors work!

Shakespeare said "To be or not to be"
Dahl said "I was once a mouse!"
Dickens wrote about Scrooge and Billie Topsy
He wrote a book
This spelling was written by the teacher and me

Shakespeare said "To be or not to be"
Dahl wrote "Matilda"
Dickens wrote about Scrooge and Billie Topsy
AI is a writer too
but it doesn't write
it only copies the stories

Producers: Fyfe, Katerina

Shakespeare said fore is blind
Dickens wrote about foggy streets
Dahl wrote with pencil in yellow paper
AI work so fast
While we grow the stories will be forgotten
We meted the stories

By Alice, Zoe, Mimmi

What students discovered about AI

- Ai repeats patterns from training data
- Ai processes information in loops
- Ai lacks genuine emotions
- Ai cannot break its programming cycle

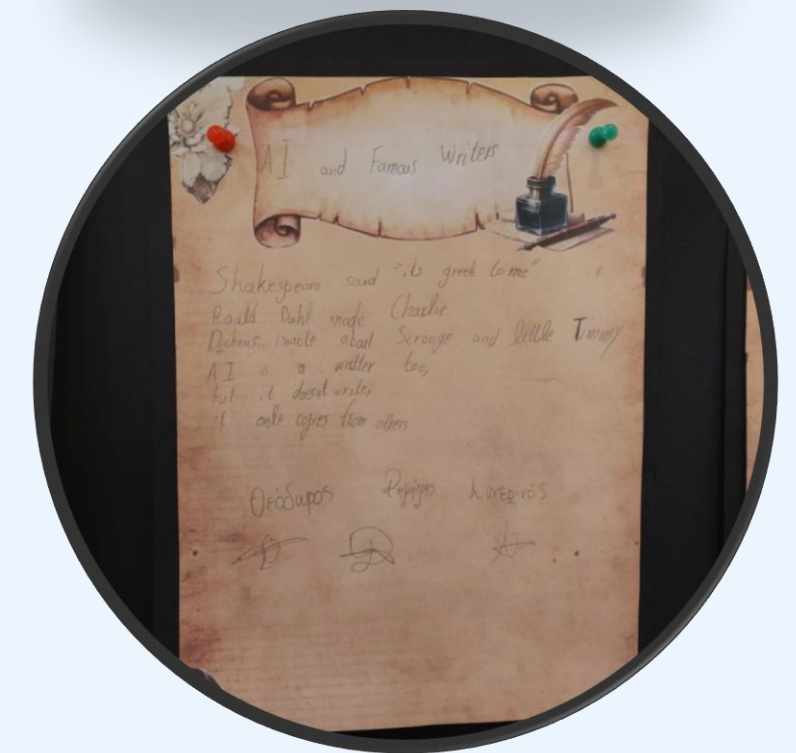
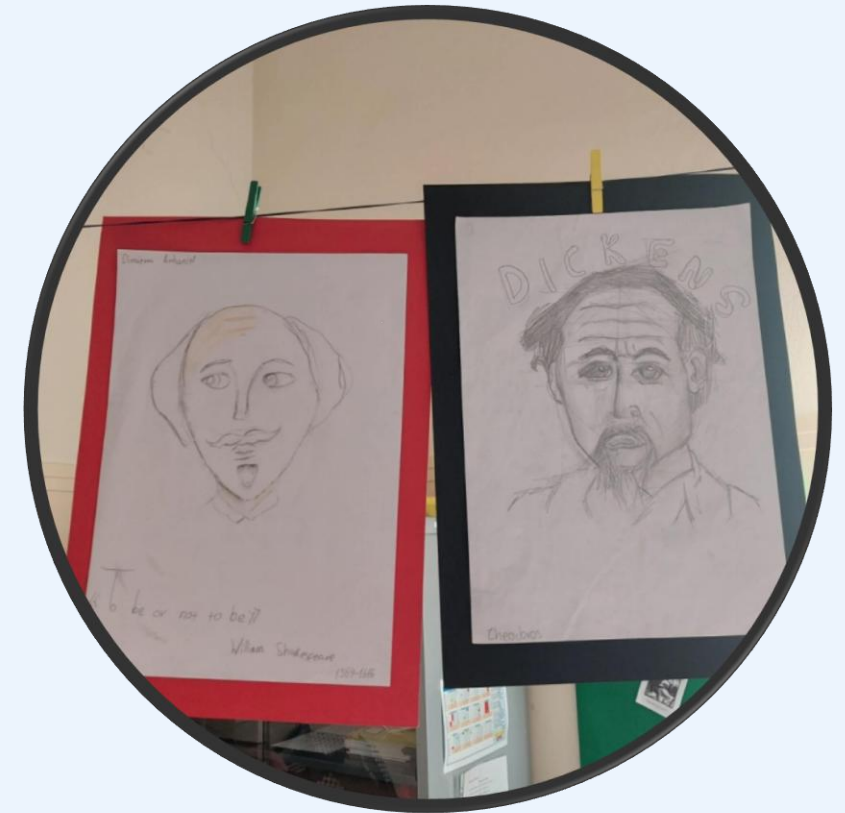
What students discovered about themselves

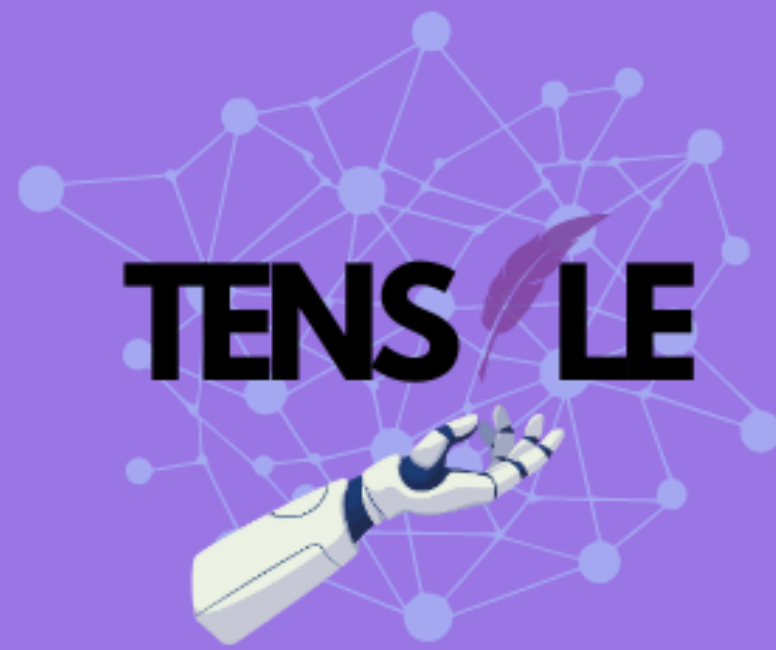
- They create from lived experience
- They add personal meaning to patterns
- They express authentic emotion
- They can break free to create something new

AI is neither an **authority** nor a **threat**.

It is a **useful tool** that requires the **human mind** to function meaningfully.

While **AI operates in loops**, students can **step outside the loop** — through their **limitless human creativity**.





**AI works in loops.
Humans create beyond them.**

Thank You



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