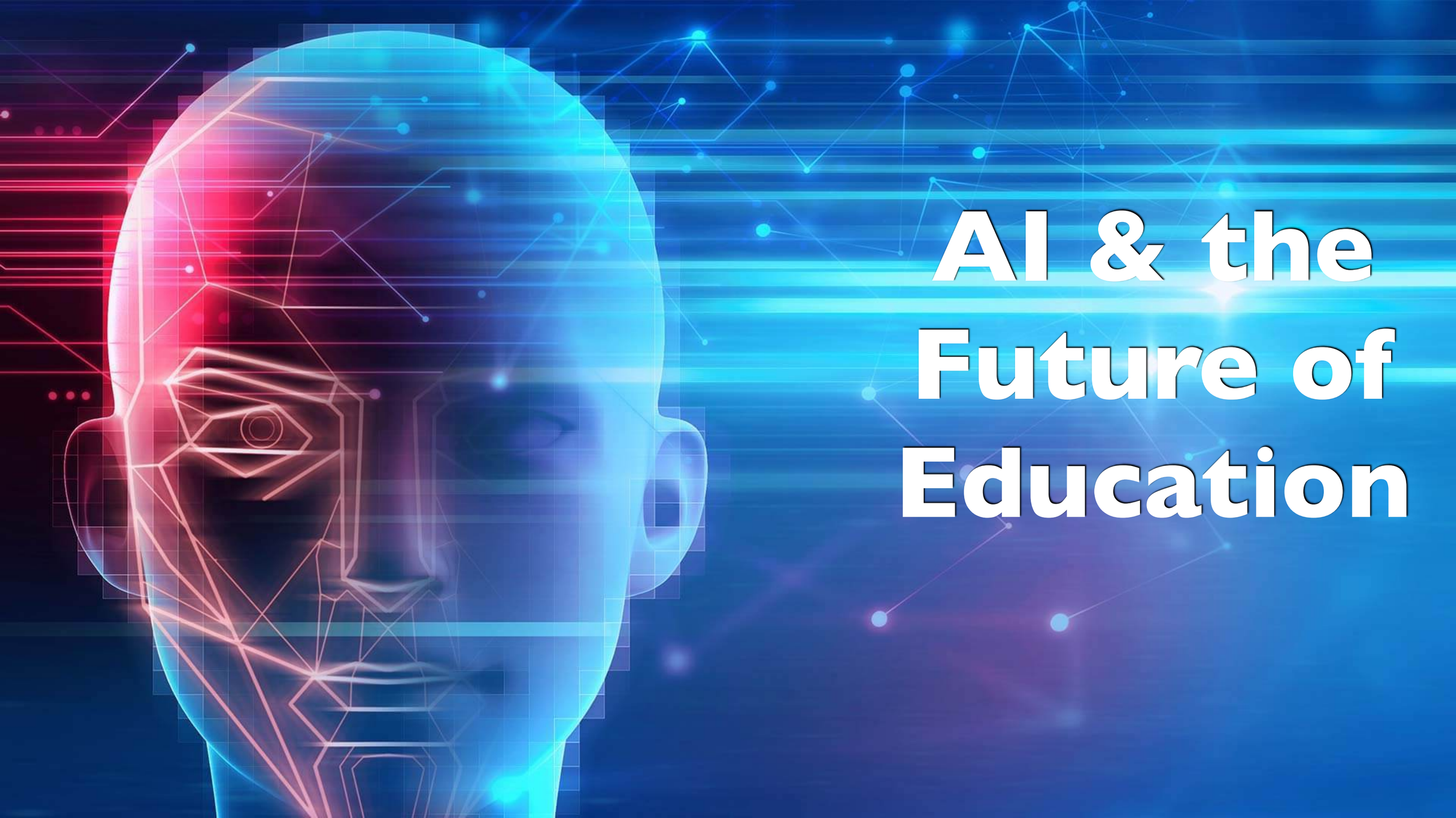
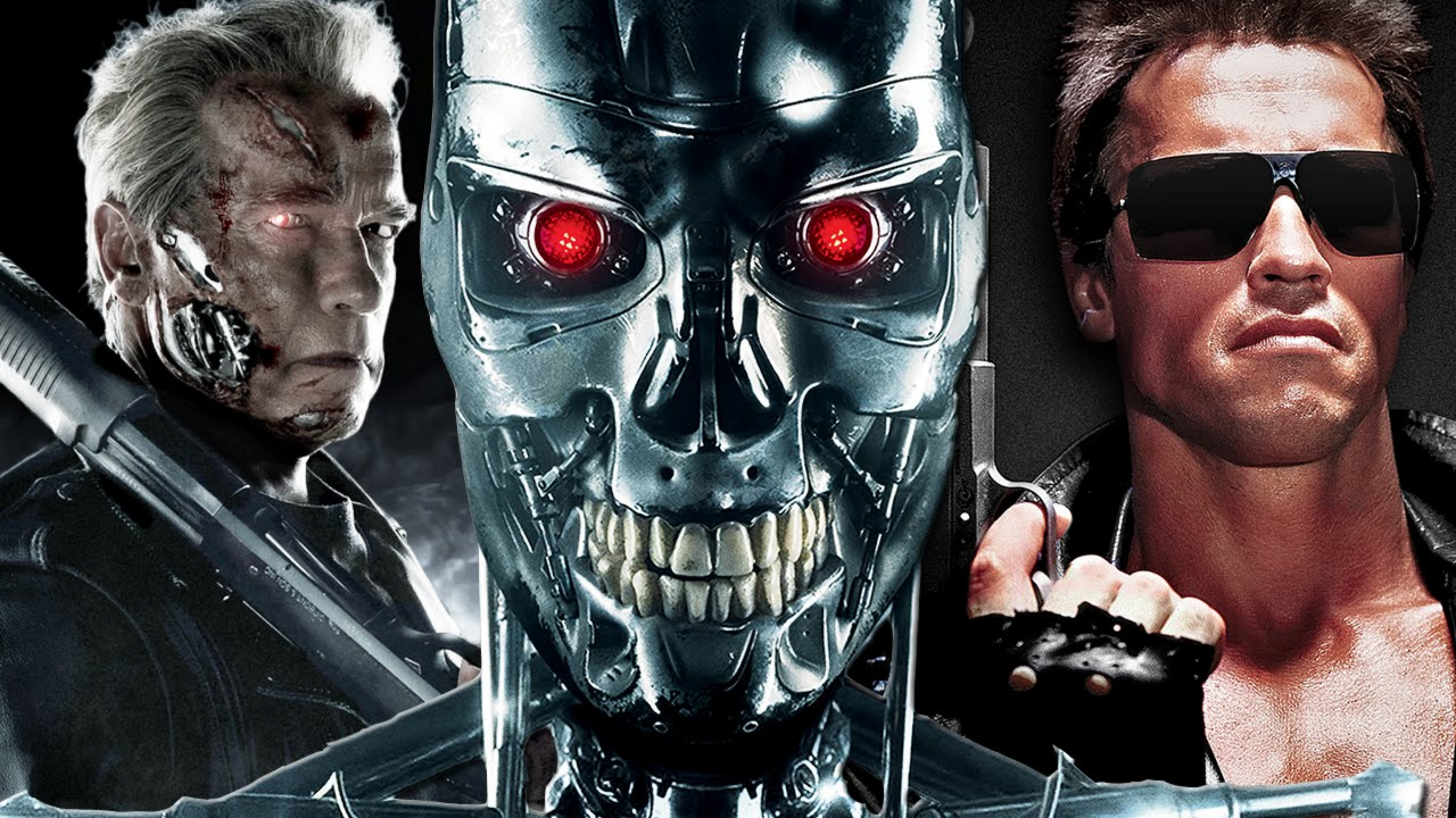

AI & the
Future of
Education

# What is Artificial Intelligence?

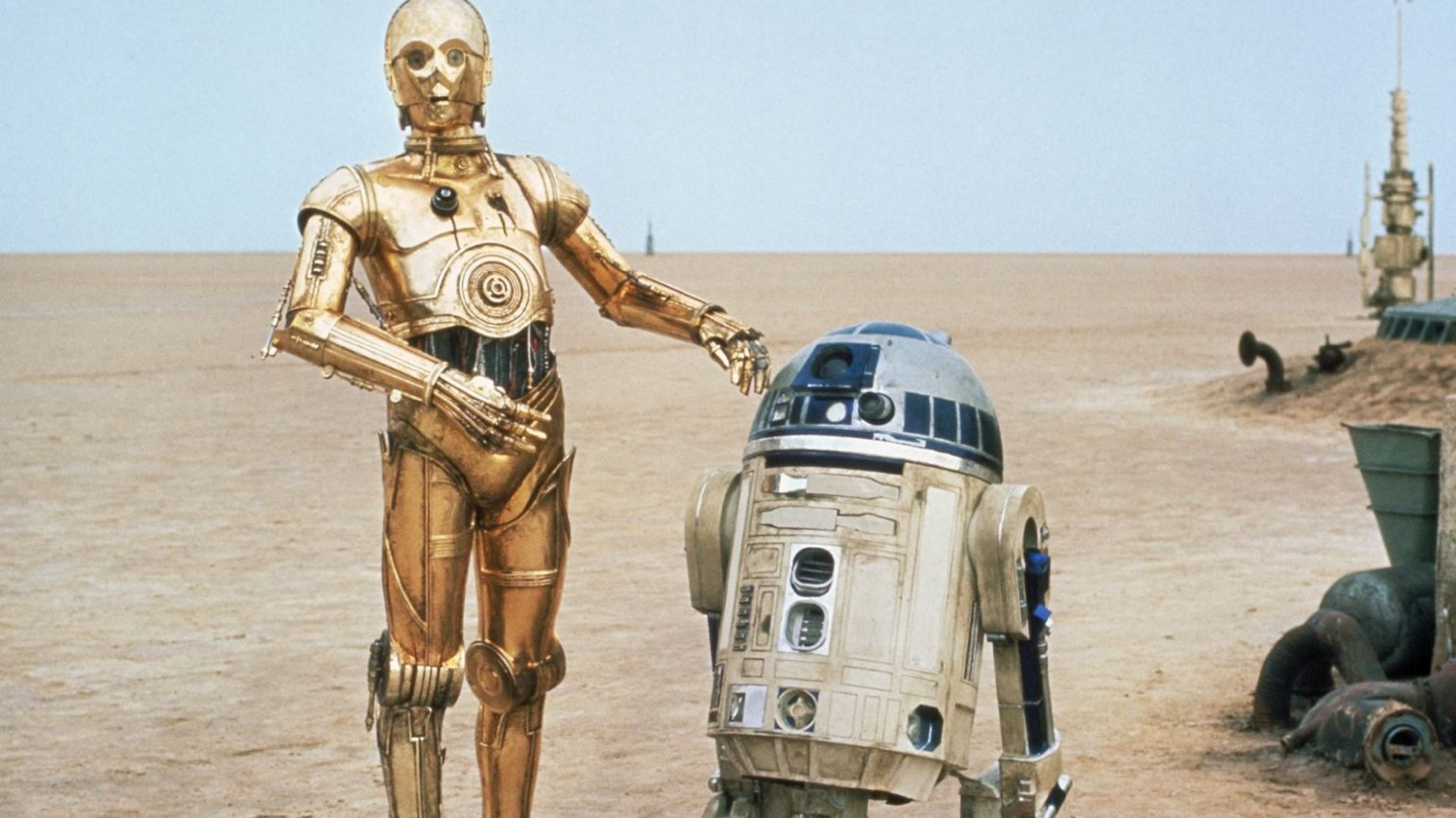
# What Isn't Artificial Intelligence?

Garry Kasparov
VS
DEEP BLUE

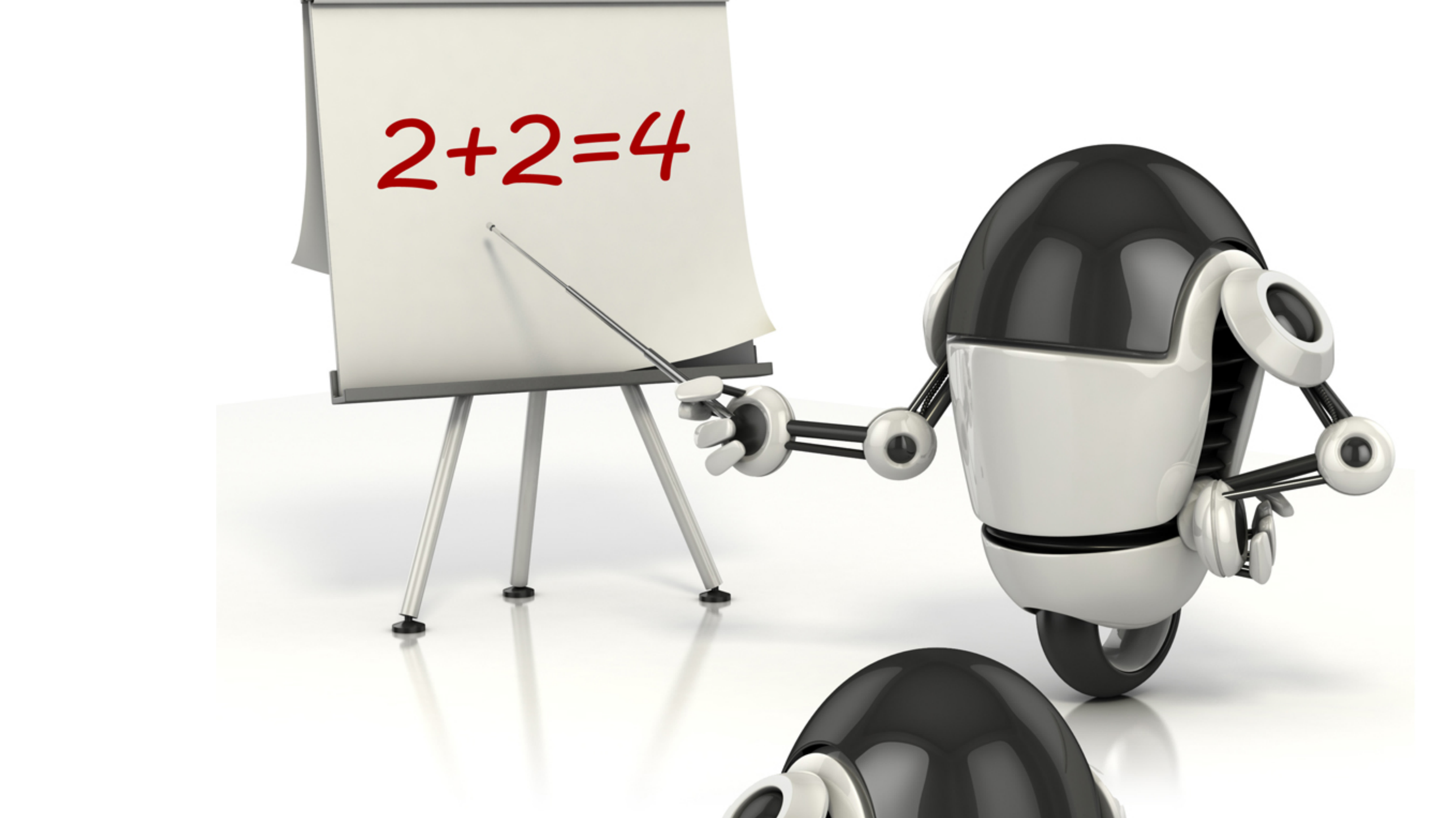
# Where Are We Right Now?



HDR
WIDEO
4:3
1:1
PANORAMA



# What is the future of AI & education


2+2=4

1. Artificial intelligence can automate basic activities in education, like grading.

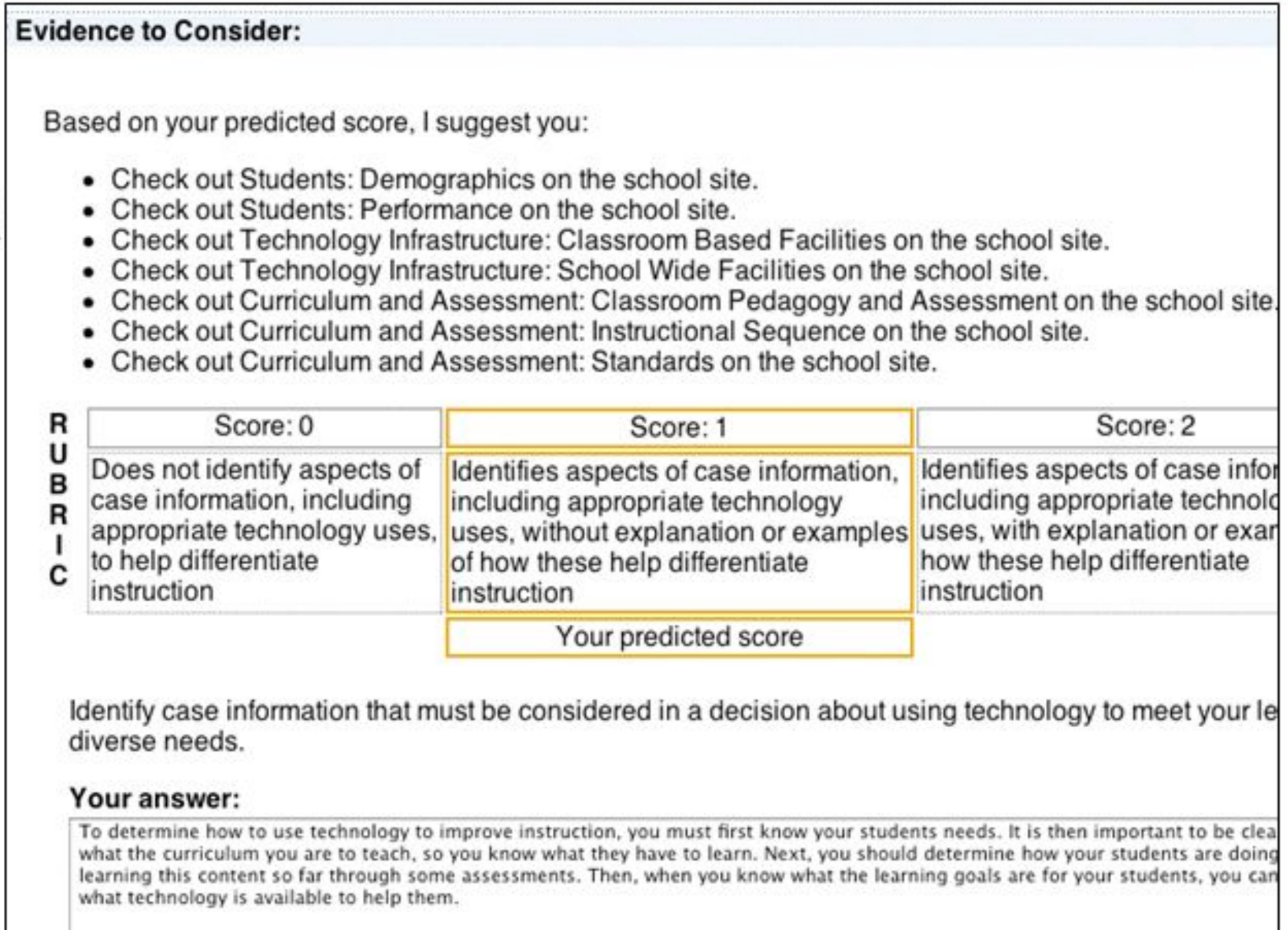
Sorry
put your hand up
littleBits

# AUTOMATED ESSAY SCORING

meaning, definition, explanation...

# Formative Feedback

- **Automated essay scoring**
  - Students submit essay drafts to receive predicted scores.
  - Students can revise and resubmit multiple drafts.



**Evidence to Consider:**

Based on your predicted score, I suggest you:

- Check out Students: Demographics on the school site.
- Check out Students: Performance on the school site.
- Check out Technology Infrastructure: Classroom Based Facilities on the school site.
- Check out Technology Infrastructure: School Wide Facilities on the school site.
- Check out Curriculum and Assessment: Classroom Pedagogy and Assessment on the school site.
- Check out Curriculum and Assessment: Instructional Sequence on the school site.
- Check out Curriculum and Assessment: Standards on the school site.

RUBRIC

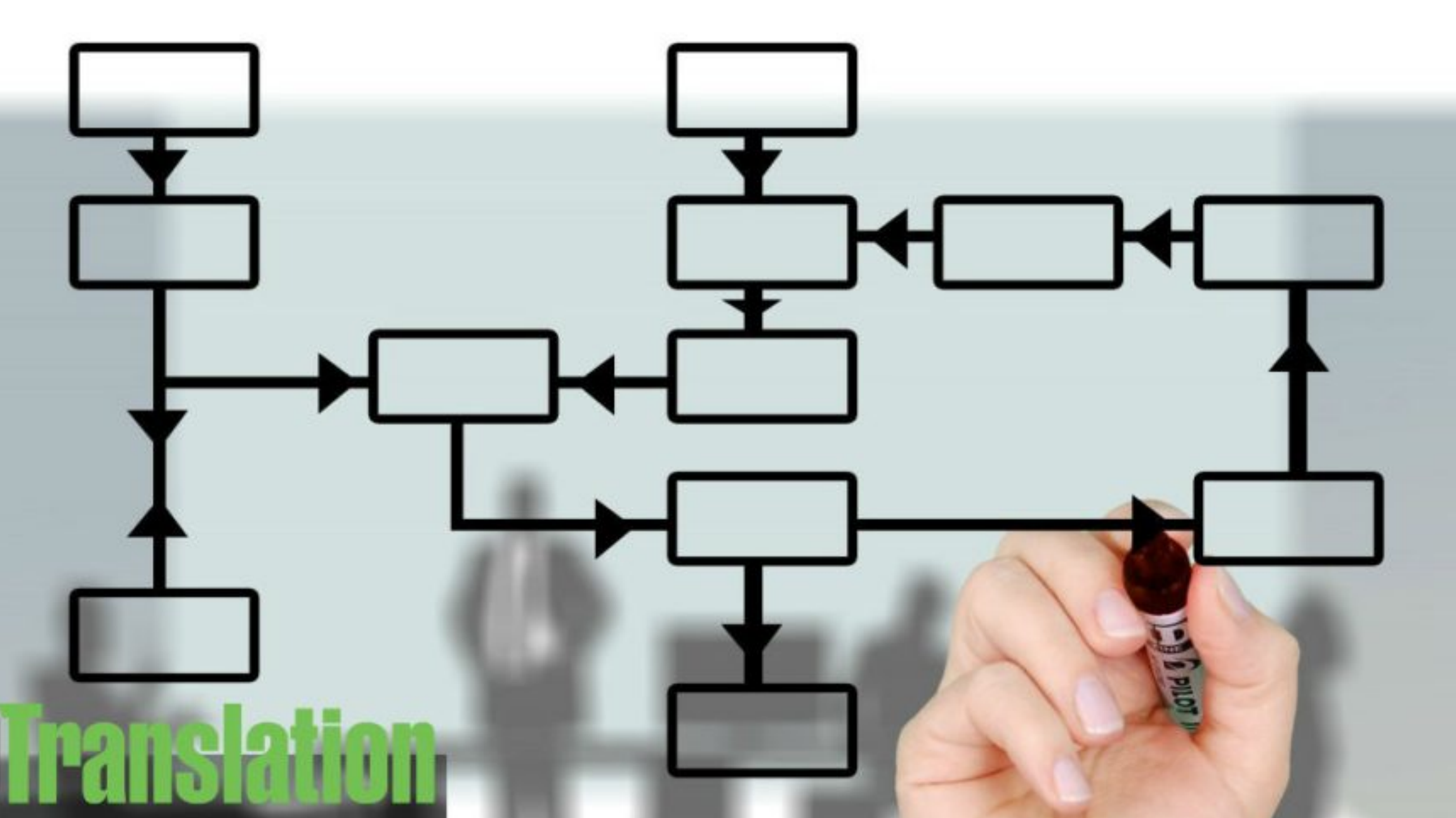
| Score: 0 | Score: 1 | Score: 2 |
|---|---|---|
| Does not identify aspects of case information, including appropriate technology uses, to help differentiate instruction | Identifies aspects of case information, including appropriate technology uses, without explanation or examples of how these help differentiate instruction | Identifies aspects of case infor including appropriate technolo uses, with explanation or exar how these help differentiate instruction |
| | Your predicted score | |

Identify case information that must be considered in a decision about using technology to meet your le diverse needs.

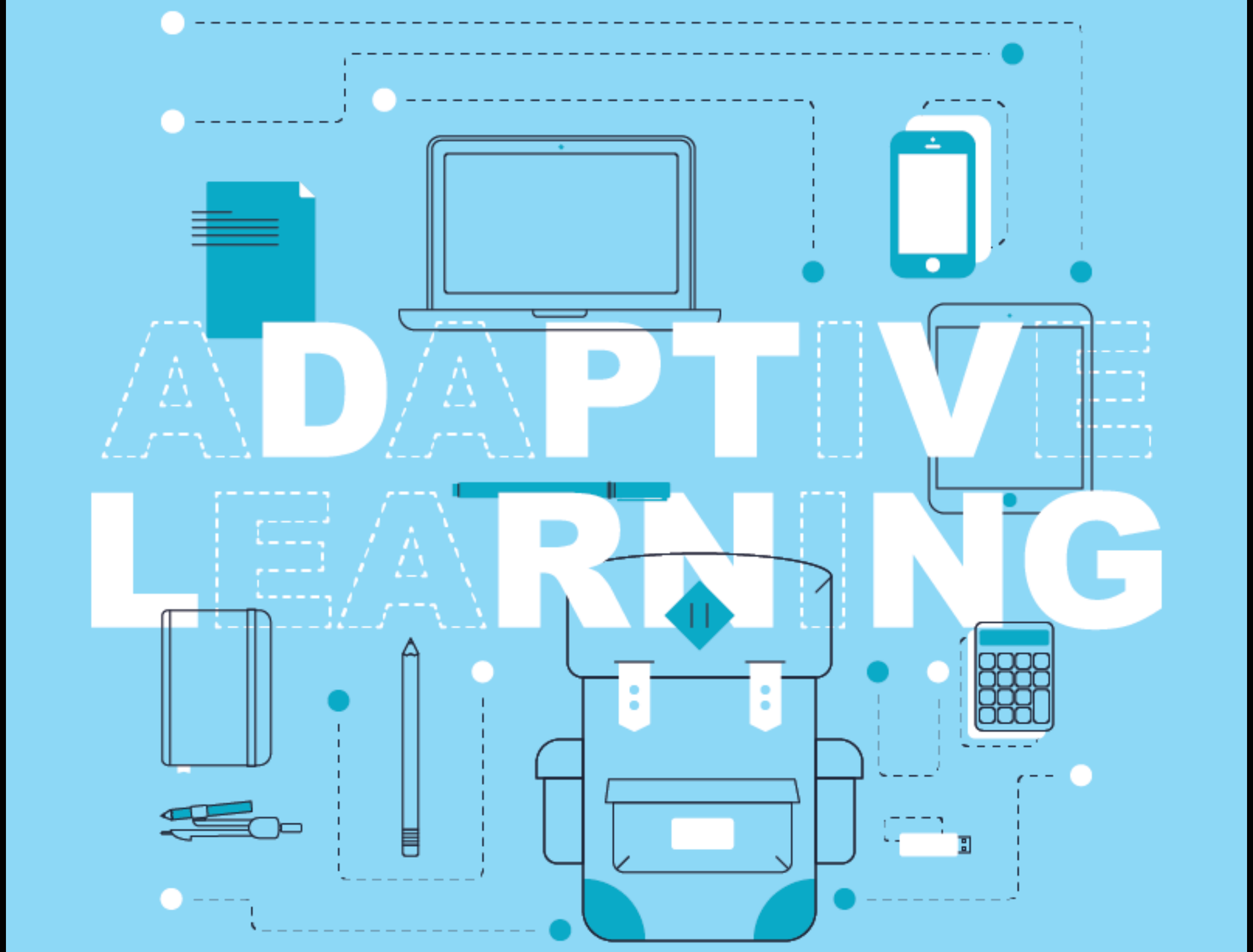
**Your answer:**

To determine how to use technology to improve instruction, you must first know your students needs. It is then important to be clea what the curriculum you are to teach, so you know what they have to learn. Next, you should determine how your students are doing learning this content so far through some assessments. Then, when you know what the learning goals are for your students, you can what technology is available to help them.

# 2. Educational software can be adapted to student needs.

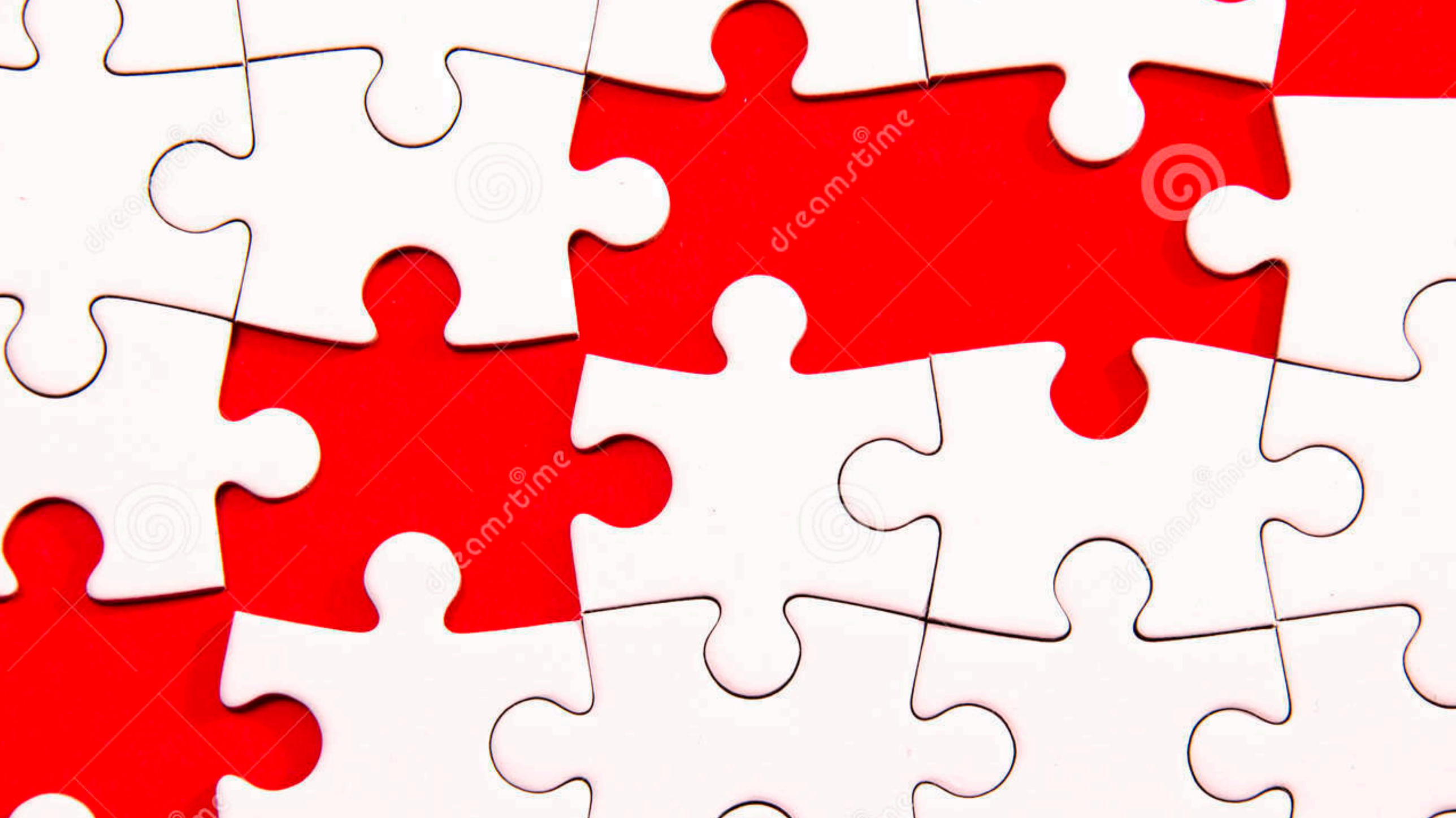

Translation

a
b
c

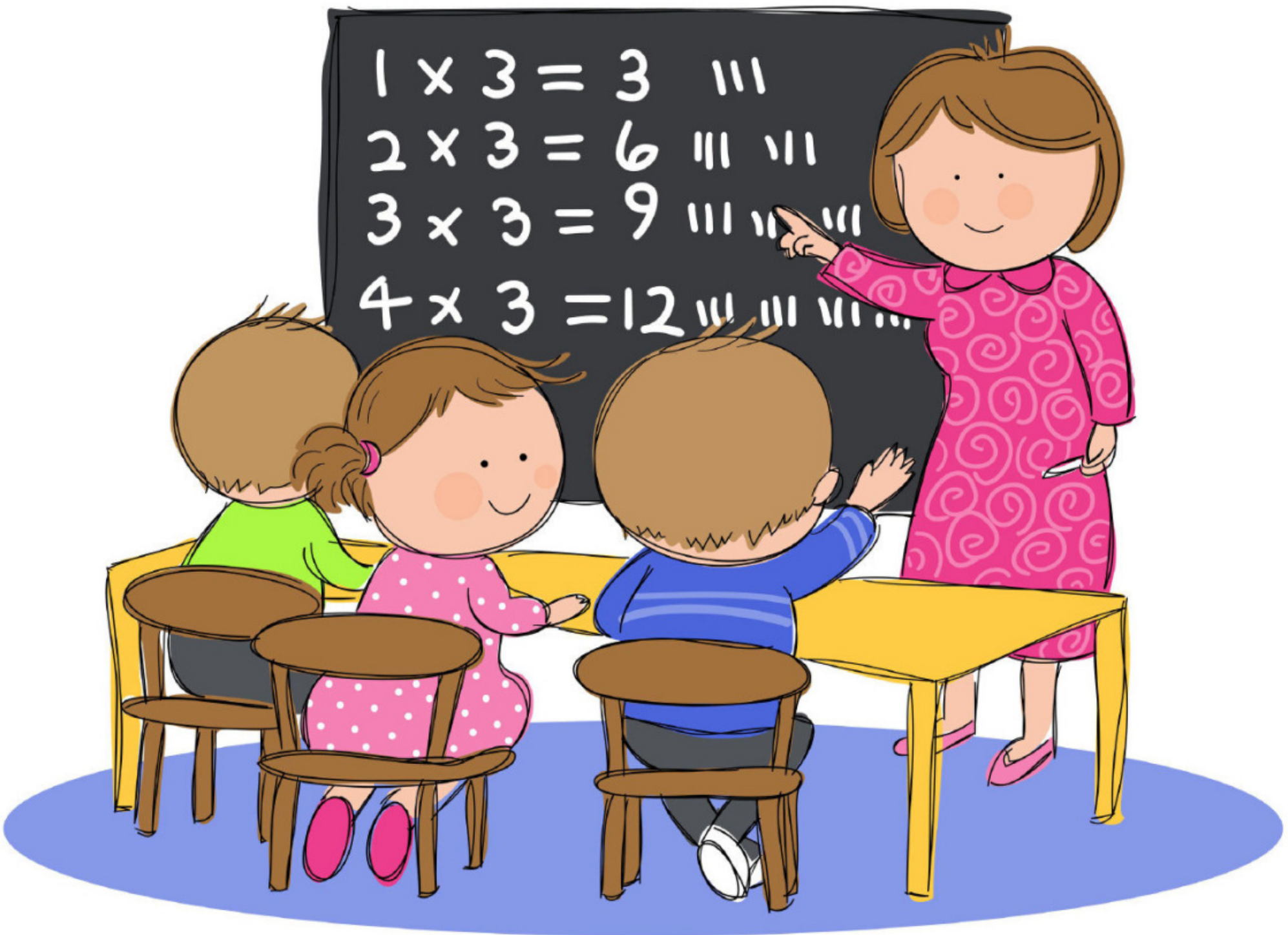

ADAPTIVE
LEARNING

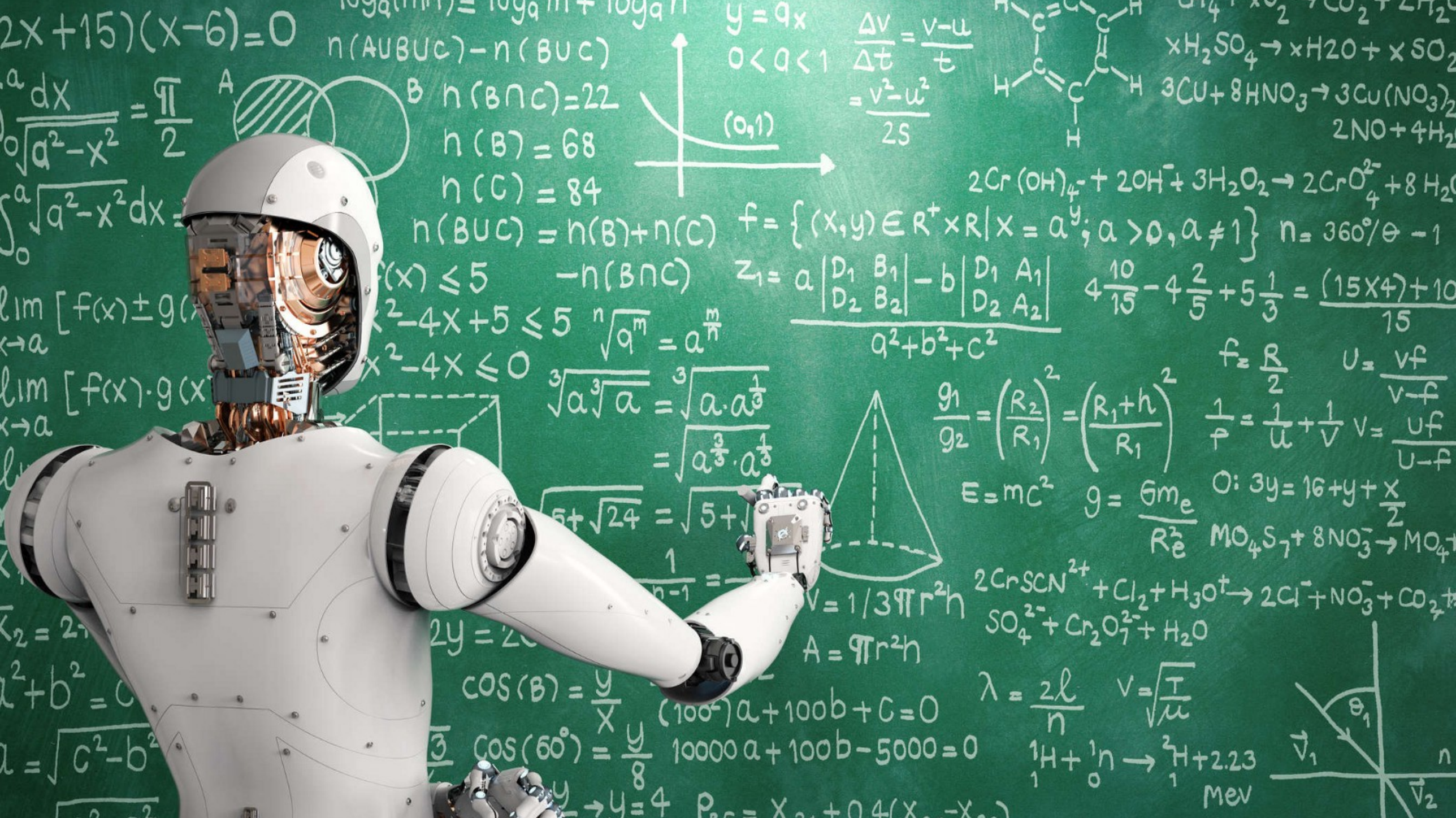
# 3. AI can point out places where courses need to improve.

coursera



# 4. Students can get additional support from AI tutors.


1 x 3 = 3
2 x 3 = 6
3 x 3 = 9
4 x 3 = 12



n(AUBUC)−n(BUC)
n(B∩C)=22
n(B)=68
n(C)=84
n(BUC)=n(B)+n(C)
−n(B∩C)
y=ax
0<a<1
(0,1)
xH2SO4→xH2O+xSO2
3CU+8HNO3→3Cu(NO3)2
2NO+4H2
2Cr(OH)4−+2OH−+3H2O2→2CrO4 2−+8H2O
f={(x,y)∈R+×R|x=a^y; a>0, a≠1}
n=360°/θ−1
E=mc2
g=Gme/Re2
O: 3y=16+y+x/2
MO4S7+8NO3−→MO4
2CrSCN2+ +Cl2+H3O+→2Cl−+NO3−+CO2
SO4 2−+Cr2O7 2−+H2O
V=1/3πr2h
A=πr2h
cos(B)=y/x
cos(60°)=y/8
(100²)a+100b+c=0
10000a+100b−5000=0
λ=2l/n
V=√(T/μ)
1H+1n→2H+2.23
Mev

# 5. AI-driven programs can give students & educators helpful feedback

FEEDBACK

Success
Struggle

6. **It is altering how we find & interact with information.**

Google

amazon
amazon
amazon

What can I help you with?

interact

# 7. It could change the role of teachers.

9:15 AM
SciApp
SCIENCE ROOM 04
BRIDGE THE GAP
Mr. Rubio
Question of the Day
Calendar
Class Resources
Announcements
Class Duties

MOTIVATOR

GUIDE

QUESTIONER

BRIDGE BUILDER

CLAIRVOYANT

PEACEMAKER

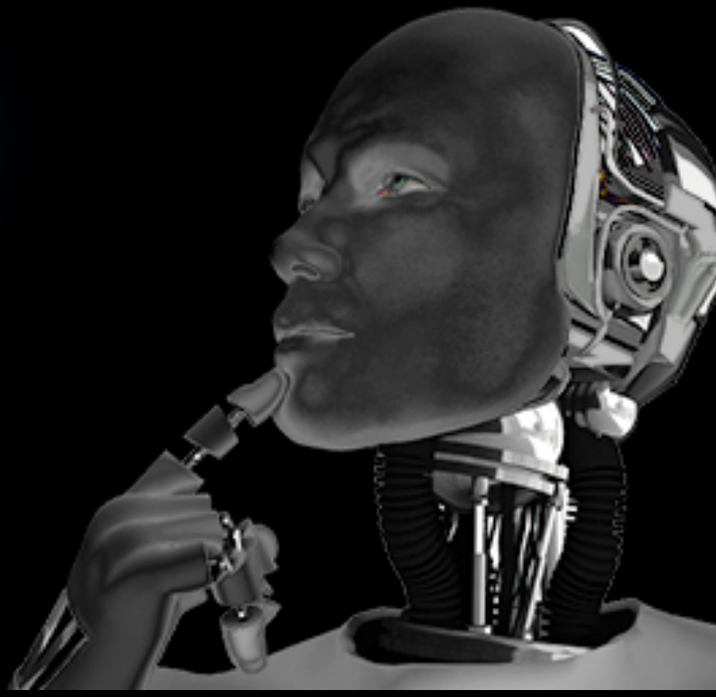
TASKMASTER

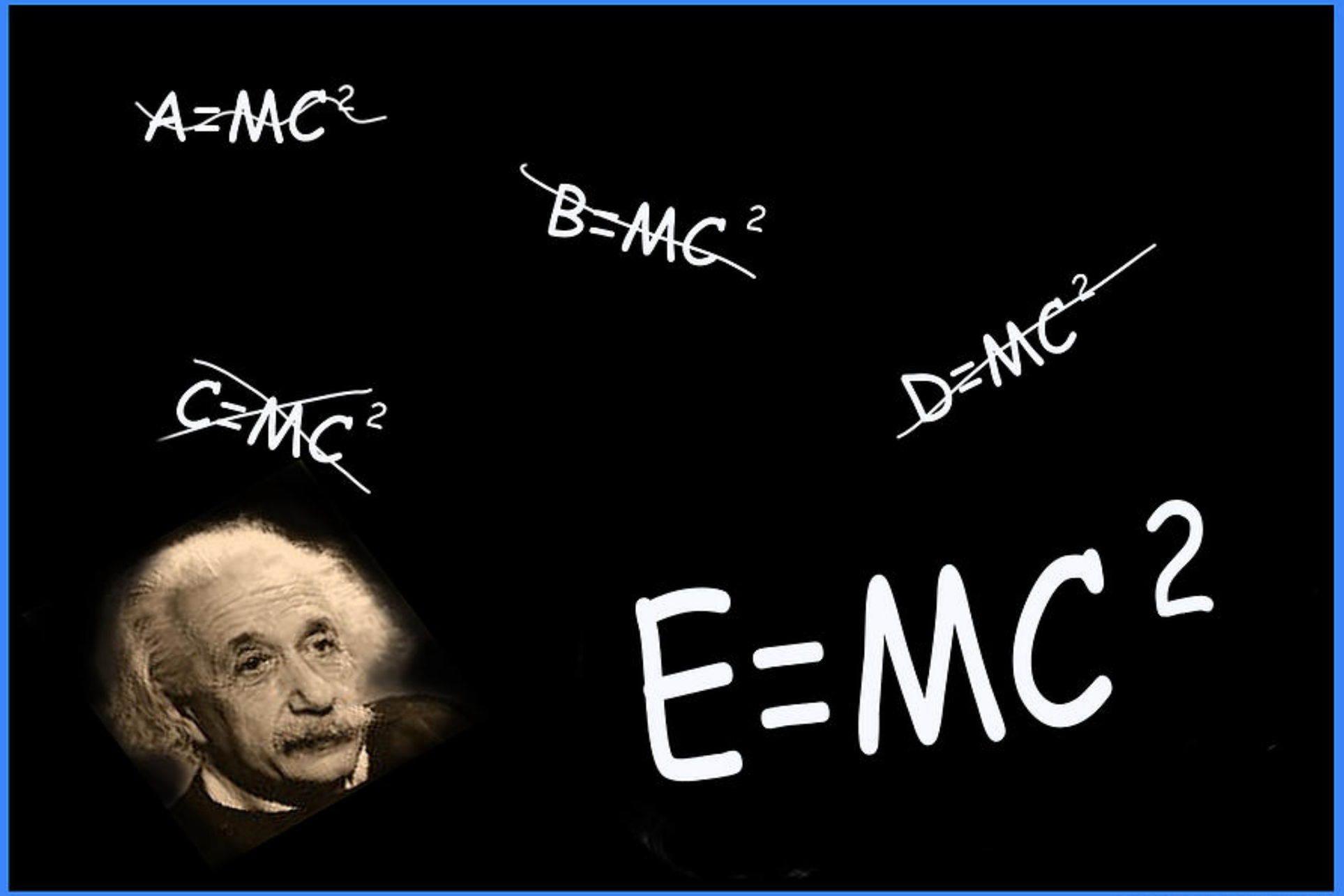
PRAISER

# 8. AI can make trial-and-error less intimidating.

ON THE SPOT

# Artificial Intelligence

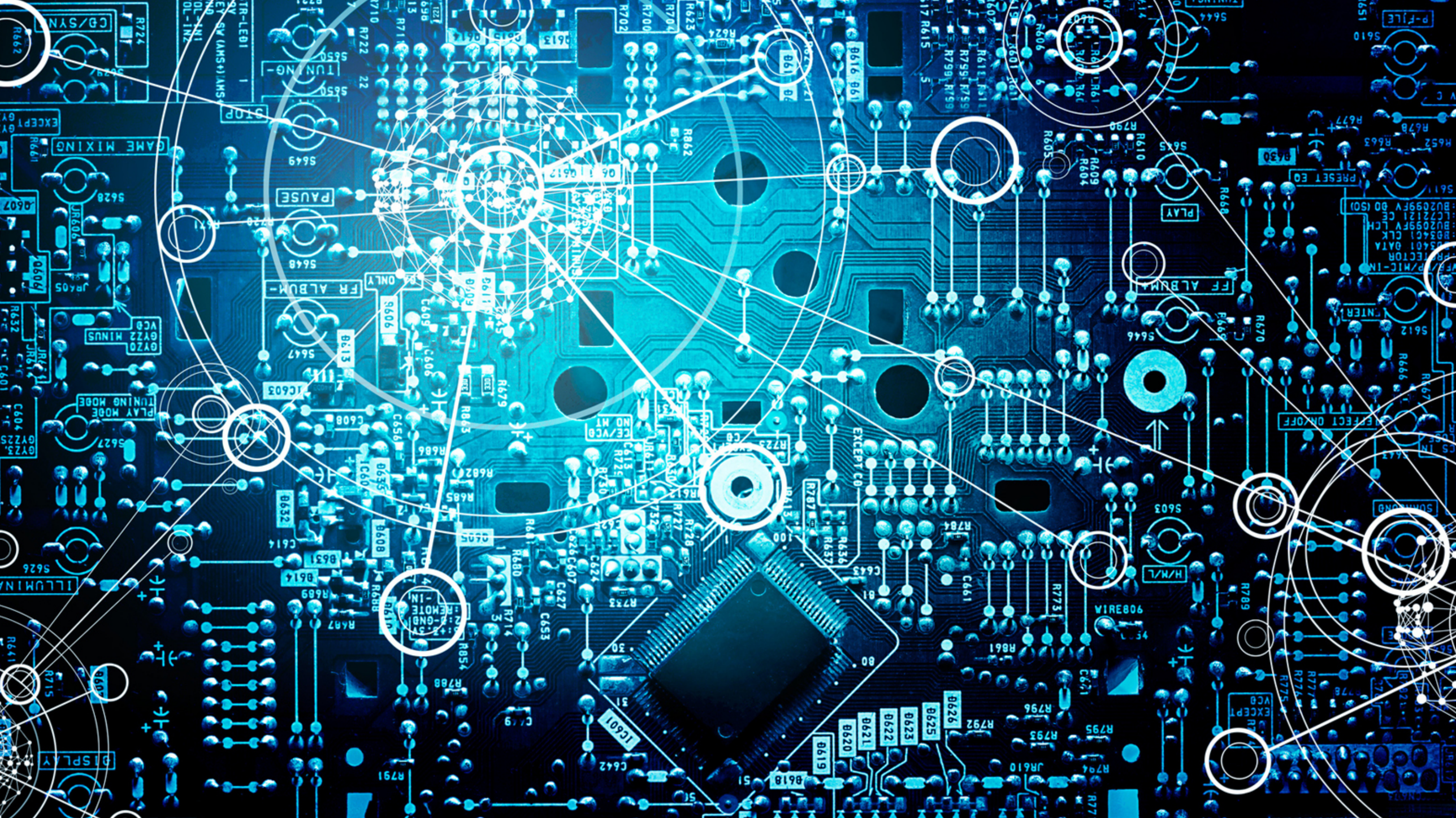


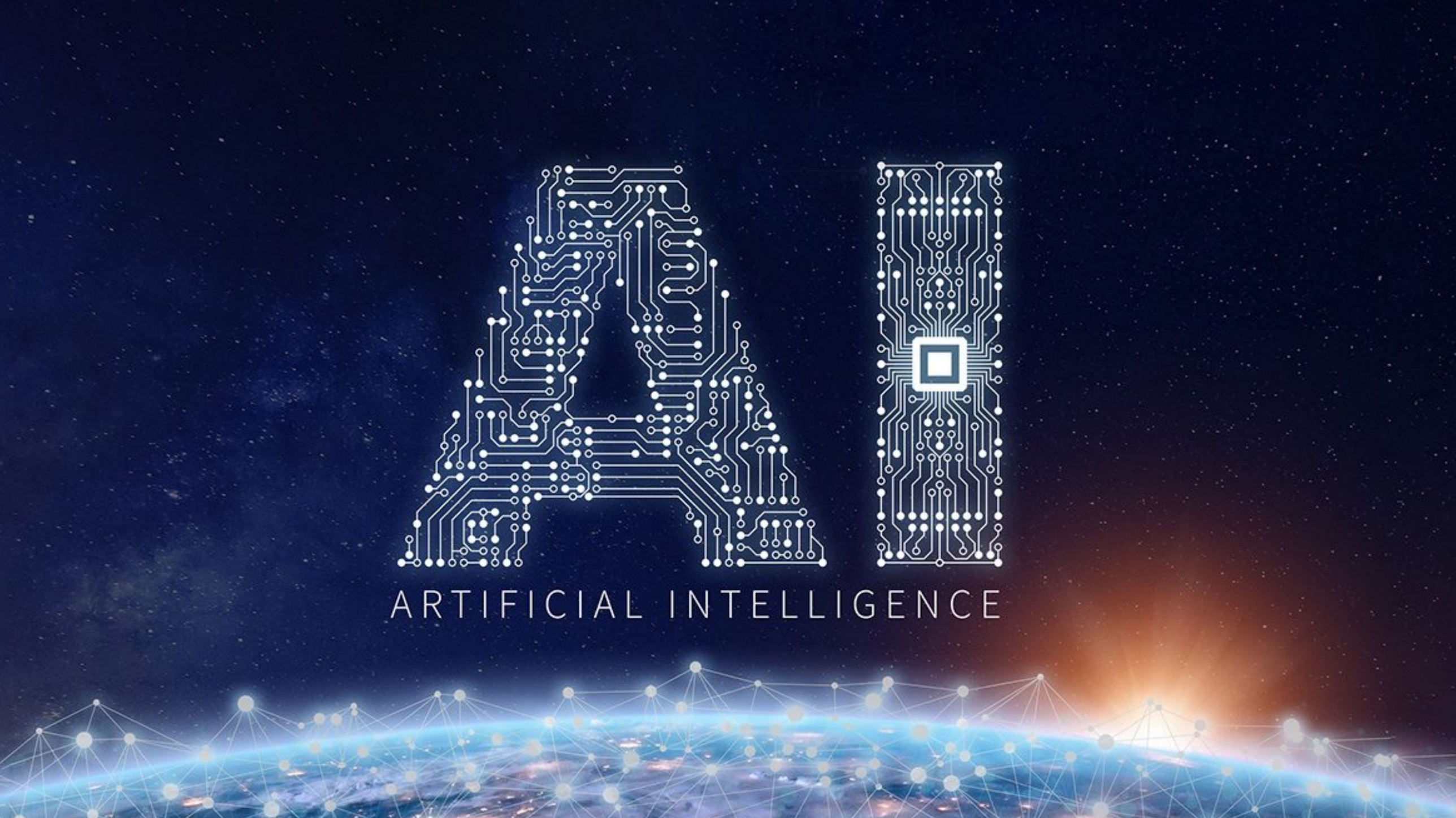


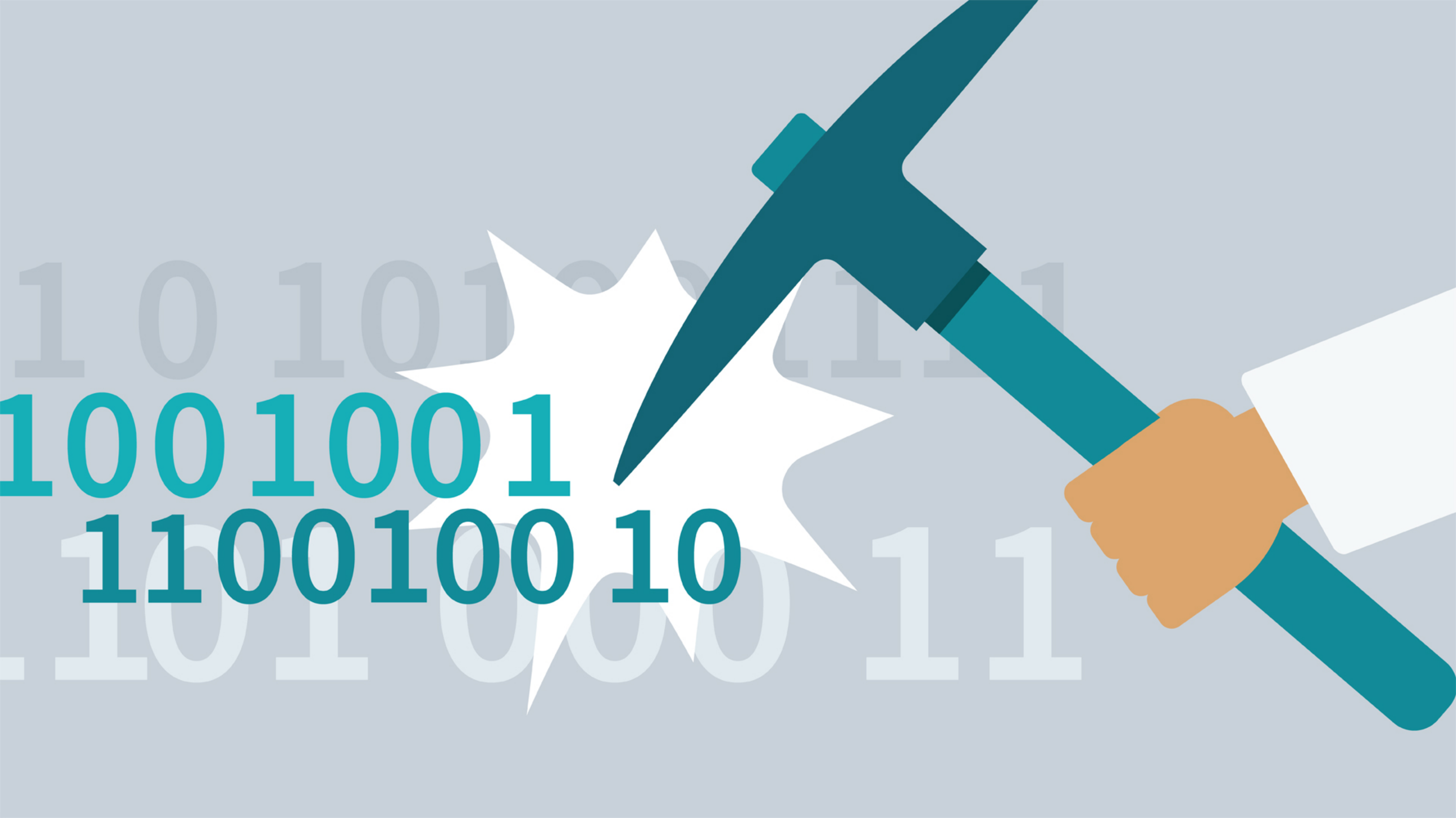

TRIAL AND ERROR

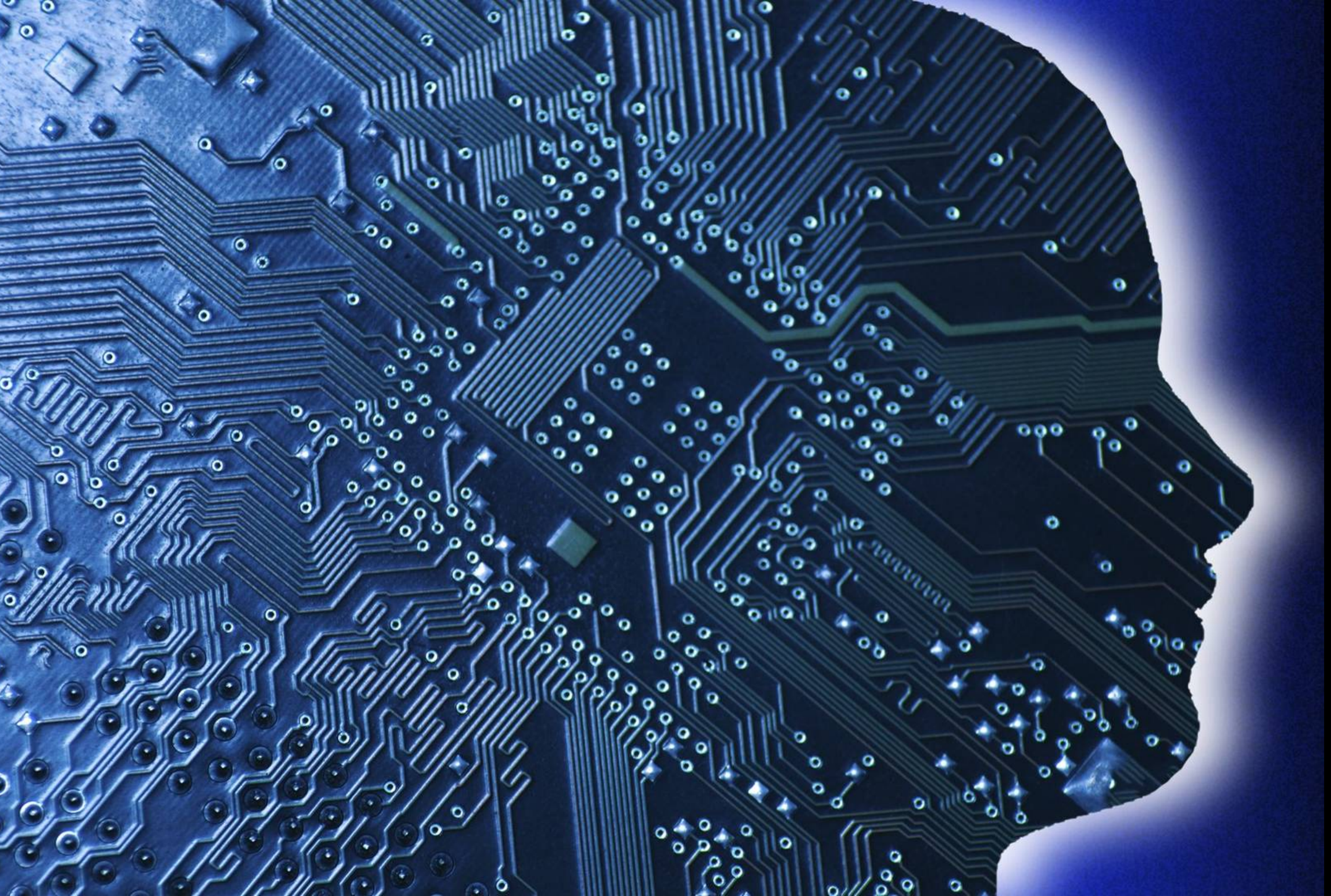
© LARRY MULVEHILL

# 9. Data powered by AI can change how schools find, teach, & support students.




AI
ARTIFICIAL INTELLIGENCE

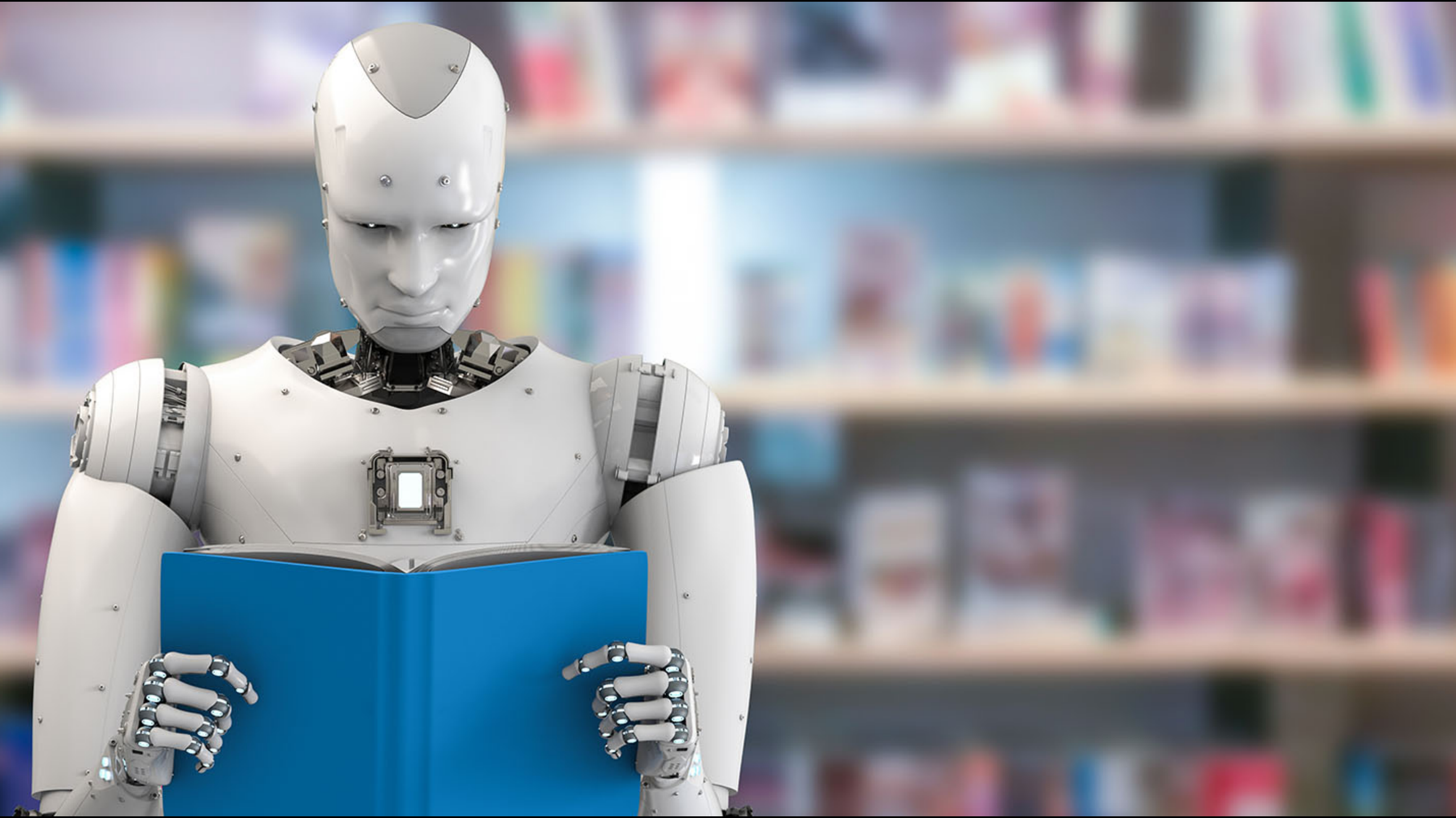

100100 1
1100100 10

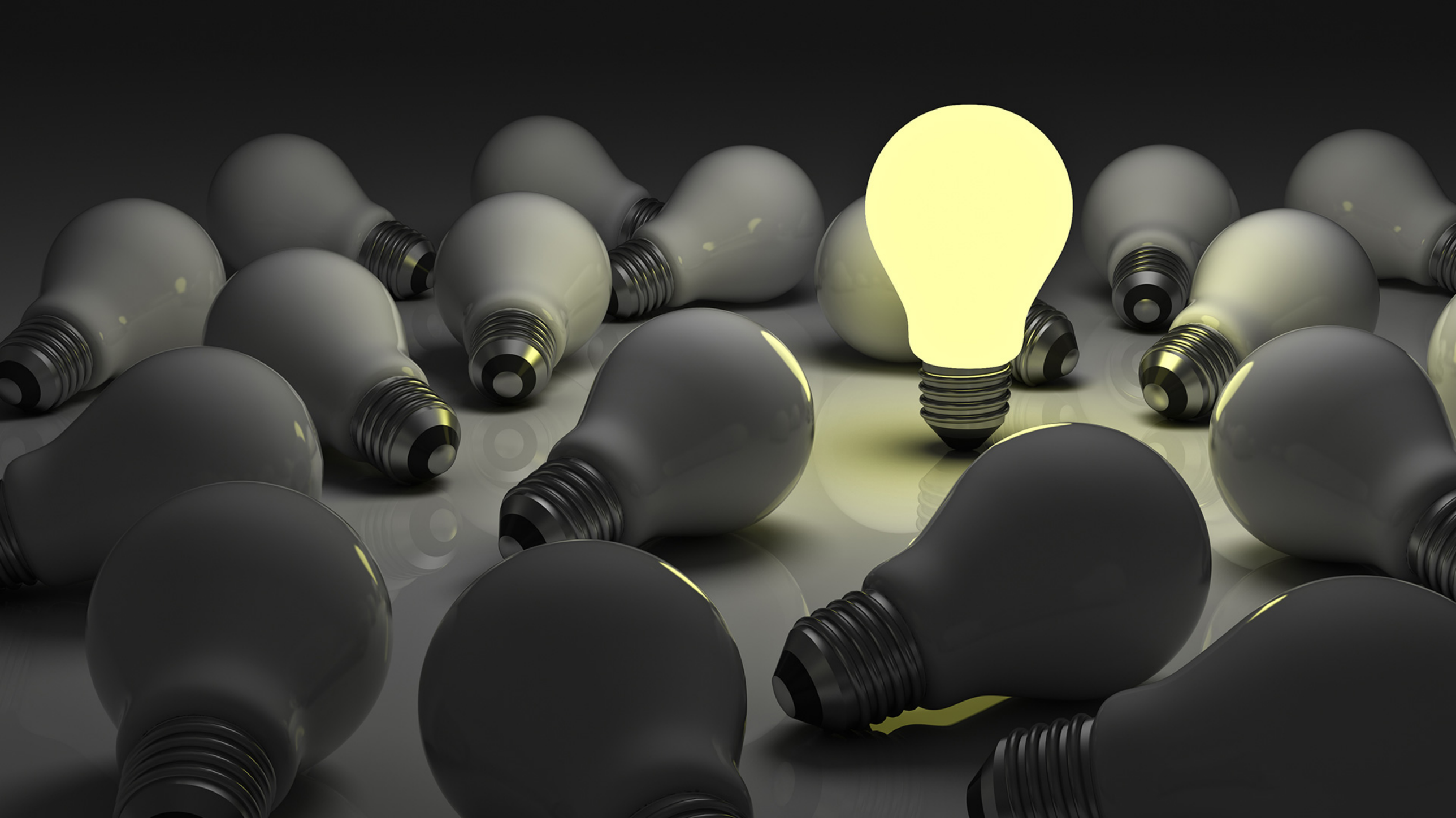


amazon
NETFLIX

# 10. AI may change where students learn, who teaches them, & how they acquire basic skills

FUTURE





# Moral Vacuum

# INFOSAVVY 21

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