

# **Use of Artificial intelligence In the classroom**

**Exploratory Workshop**

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# Purpose of this workshop

- To present an opportunity to teachers and managers to explore the use of AI as a teaching and learning tool
- To discuss in groups and raise questions related to AI
- To share experience, concerns and resources
- To consider future support related to AI in the classroom

# Schedule for this workshop

1. Introduction
2. Activity A- Small group discussion and raising of questions
3. Activity B - Large group discussion
  - sharing experience and resources
  - Suggestions about future support

# Outcomes for this workshop

- At the end of this AI workshop we will all have a written record of
  1. Questions raised by our team
  2. Shared ideas and resources
  3. Thoughts about future support

# Schedule for this workshop - 1

1. **Introduction**
2. Activity A- Small group discussion and raising of questions
3. Activity B - Large group discussion
  - sharing experience and resources
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# **Will teachers be replaced by AI?**

- We will not be replaced by AI (This year least!)
- But we may be replaced by somebody who can use AI
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# **You are still the expert!**

- We will need to check any results that we get from AI - it does make mistakes!
- We are still the experts and responsible for whatever we use in class

# **Change is the only thing that is constant**

- Things are changing and developing all the time
- How will we keep up to date with important developments?
- It is very likely that many students will be ahead of us regarding AI, consider what your conversations will be like with them about AI.



# Sharing some of my experience

# **My experience and ideas for experiments Using AI**

**I am not an expert - I am an enthusiastic learner**

- I have used mostly Chat GPT as a tool for personal research and also school work
- My plan for lessons this year is to try Chat GPT/ Bing for some of the following
  - Help write useful questions (with answers) for students based on text
  - Help me design high skills level practical activities for students
  - Help with ideas for making students work independently
  - Design activities for collaborative activities
  - To give students ideas about use of AI at University and beyond
  - Learn how to write better prompts

# Schedule for this workshop - 2

1. Introduction
2. **Activity A- Small group discussion and raising of questions**
3. Activity B - Large group discussion
  - sharing experience and resources
  - Suggestions about future support

# **Activity A**

## **Small group Discussion**

- In your small group please write the following onto large paper
  1. What questions or thoughts do you have about using AI in school?
  2. What experience or resources do you have for sharing with this team?
  3. Do you have any ideas about future support you might need on AI?

# **Some suggestions of topics to discuss**

# Some suggestions of topics to discuss

## Patience and understanding

- What teaching activity might you try using AI? What would be the purpose and the benefit of using AI?
  - How will you monitor and measure the effectiveness of the activity?
- When might you work on your own and when as a team in planning activities and lessons?
- What might your rules be about use of AI by students?
- What different types of AI are there that you might use as a teacher of your subject?
- What kind of support might you need from management regarding AI as a teacher?
- How would you identify and monitor psychological effects of AI on students?

# Questions for managers and teachers

## Patience and understanding

- What do you need to learn about AI so that you can help your staff and students?
- Do you expect the workload for staff and students to change? If not why? And, if so, then how will it change and how can you help?
- How can the normal tasks of teachers and students be made easier by use of AI and how can that be implemented?
- How much time do we have to make plans and decisions?
- Who will be making decisions? What will be needed for effective team collaboration? To what extent will teachers and students be involved in the discussions and planning?
- How will you measure the impact of your plans and review future decisions?

# Schedule for this workshop - 3

1. Introduction
2. Activity A- Small group discussion and raising of questions
3. **Activity B - Large group discussion**
  - **sharing experience and resources**
  - **Suggestions about future support**



# Prompts

- What is a prompt and why is it important?
- The prompt is the way you will communicate with the AI.
- The quality and usefulness of what you get out will depend on the quality of your prompt.
- For example

# Prompt example

**Remember - you are the expert - you need to check any results from AI**

- Level 1 - “What do we mean by acceleration due to gravity?”
- Level 2 “Show me how to explain “acceleration due to gravity” to a student
- Level 3 “Design an exercise for me that will help a student to learn “acceleration due to gravity”
- Level 4 - “Write a text of about 1000 words about “acceleration due to gravity” for a group of students who have a wide range of ability and for whom English is a second language.”
- Level 5 - “Write a text of about 1000 words about “acceleration due to gravity” for a group of students who have a wide range of ability and for whom English is a second language.
  - Please provide a list of definitions based on Cambridge 9702 Physics A level specification.
  - Please write 10 questions based on your text that will help students to check their understanding of the text. There should be at least 5 questions that test the student’s use of English.
  - Please write detailed answers to the questions to help students see where they might have made mistakes.
  - Design two practical activities for students and one demonstration for the teacher based on the topic of acceleration due to gravity”

# Suggestions about prompts...

- If your prompt didn't work, didn't give you what you wanted, you may be better starting again rather than continue with that conversation.

# What is next?

- Activity 3

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