Agents of Change – Teaching Students About AI

Summary

Our ITP, "Agents of Change – Teaching Students About AI," seeks to empower students with essential AI knowledge and skills. Through this program, students learn to responsibly apply AI tools to enhance learning and foster creativity, particularly in storytelling and promoting intercultural understanding. By making AI education both engaging and effective, students emerge as catalysts for change, driving meaningful integration of AI throughout their school community.

Team: Estonesia

Indonesia
Ms Fitra Murni Agus Ramayulis
Teacher
SMAN 3 Padang Panjang

Estonia
Mr Reigo Ginter
Director
Kehlta Basic School

AI in Literature: Interacting with a Novel (by Thomas Hardy)

Summary

This ITP project revolutionises the conventional method of engaging with literary texts by introducing innovative tools to the classroom, aimed at infusing literature with greater enjoyment. Leveraging AI, we enhance comprehension of literary works and their contexts, all while honing fundamental disciplinary skills of our students such as reading, writing, listening, and speaking.

Team: RomGal Team

Romania
Mrs Daniela Ileana Vilceanu
Teacher [English]
The National College "Tudor Vladimirescu"

Spain
Mr Alfonso Xavier Canosa
Teacher [Language & Literature]
IES Pedra da Auga

Indonesia
Ms Fitra Murni Agus Ramayulis
Teacher
SMAN 3 Padang Panjang

Estonia
Mr Reigo Ginter
Director
Kehlta Basic School
ASEFClassNet16 School Collaboration: Innovative Teaching Practices (ITP)

Bountiful Earth & Resilient Food Systems-
Ways to Ensure Food Security Using AI

**Summary**

Utilizing the CLIL approach tailored for high school students (ranging from 8th to 11th grades) in vocational and science classes, with a proficiency level of upper-intermediate English (B1-B2), and aligning with SDG 2 (End Hunger), this ITP facilitate cross-cultural exchange between students from Asia and Europe. Through sharing diverse agricultural and cultural experiences, participants will collaboratively devise innovative solutions aimed at bolstering food security in both regions. Moreover, the curriculum will delve into the multifaceted aspects of food sustainability, spanning environmental, social, and economic perspectives. By fostering the development of values, skills, and attitudes conducive to a sustainable planet, students will be empowered to effect positive change in their communities and beyond.

**Team: Aspire**

Philippines
Ms Jade April J. Agang Ang
Teacher I
Daniel R. Aguinaldo National High School

Romania
Ms Luisa Filip
English Language Teacher
National College “Gheorghe Sincai,” Cluj-Napoca

Bringing Story to Life

**Summary**

Students utilise AI tools to enhance their video channel, aiming to foster tolerance, cultural understanding, language proficiency, creativity, and teamwork. They delve into literature, crafting scripts, recording voices, and using AI animation to illustrate stories. The project includes ethical considerations on AI tool usage. Teachers and students embrace AI exploration, preparing learners for future technological advancements.

**Team: The Shapers of the Sharpest**

India
Ms Lisha Manoj
TGT English
St. Mark’s Senior Secondary Public School, Meera Bagh

Spain
Mr Juan Xernández de Vega
Technology Teacher
Santiago Apóstol’ High School
**Contextualize Reading Flipbook (CREF)**

**Summary**

Reading plays an important role in one's lives but it is sad to say that Cyprus rank 50 and Philippines the lowest among 77 countries according to Pisa 2018. This ITP in AI would help address it by contextualization of the materials used through personalised talking face integrate to digitalised flipbook.

**Team: D'Anchors**

Cyprus
Mr Ioannis P Ioannou
Computer Science Teacher - Senior Manager at Secondary Education Gymnasium Athienou

Philippines
Dr Diosdedet Castillon Labordo Jr.
Teacher III [English]
Lambunao National High School

**Conversational AI Cafe on History**

**Summary**

The Conversation AI Cafe, an engaging five-week after-school experiential program, supports high school students struggling with history and literature comprehension. It addresses comprehension gaps through innovative teaching practices (ITP), emphasizing the carefully guided utilization of AI tools like the text-to-image generator to bring historical and literary characters to life, enhancing the lesson's overall understanding.

**Team: H.O.P.E - Horizons of the Pedagogical Enterprise**

Philippines
Dr Rina Alayon Angeles
Senior Education Program Specialist
SDO-San Juan City Academic Senior High School

Spain
Ms María Dolores García-Arnaldos
Philosophy Teacher
IES Emperatriz María de Austria
Creating a Digital Story in Science Class with AI Tools

Summary

"Creating a Digital Story in Science Class using AI" is an ITP which has three main goals:
1) help students become better storytellers
2) increase students self-efficacy using AI tools in their learning
3) enhance students critical thinking skills which we hope to achieve by letting students research a topic and create an educational digital story using AI tools.

Team: Teachers Pet

China
Ms Yuanting Liao (Kathy)
English Language Teacher
No.10 Middle School in Kunming

Estonia
Ms Gisela Kastein
Teacher
Kohtla-Järve Gymnasium

Designing a Magazine with AI - Improving Classroom Interaction

Summary

Students from China and Estonia are to design an electronic magazine (of cross-cultural theme or elements) with the help of generative AI tools like Night Café and ChatGPT, as well as personalized assessment and analytical AI tools, in an effort to enhance an all-round understanding of AI usage.

Team: Rooxin

China
Ms Xin Yu (Vanessa)
English Language Teacher/ Class Teacher
Xi’an Middle School of Shaanxi Province, China

Estonia
Ms Roosi Nemliher
Head of Studies
Tartu Art School
ASEFClassNet16 School Collaboration: Innovative Teaching Practices (ITP)

Developing Communication Skills in English Classes with AI Tools

Summary

The objective of the ITP is to enhance students’ communication skills in English by utilising AI tools in a justified and creative manner. Through the conducted tasks, our goal was to raise students’ awareness of both the positive and negative impacts of AI, ultimately inspiring them to employ ChatGPT and Twee to augment the language skills they wish to improve.

Team: AI Explorers

Cambodia
Mr Chea Davit
Teacher of English
Preah Norodom Seihamoni High School

Poland
Mr Adam Stepinski
Teacher of English and History
Copernicus Upper-Secondary School in Tarnobrzeg

Dive into AI

Summary

Through the integration of AI tools, our ITP comprises of: 1) implementation of a Machine Learning Application: This application facilitates the sorting of waste, utilizing machine learning algorithms to streamline and enhance the process and 2) development of Avatar Videos: These videos feature avatars delivering guidance on the principles of Reduce, Reuse, and Recycle (3R’s). Designed to resonate with diverse audiences, including the entire school community and families, these videos serve as an initial step towards seamlessly integrating AI into daily teaching practices and fostering its widespread adoption within the realm of education.

Team: GAITAI

Spain
Ms María del Rocío Veiga Villar
Technology Teacher
IES Antón Alonso Ríos - (Tomiño)

Thailand
Mr Sa-nguansak Kosinan
Teacher [Mathematics]
Phadungnaree School
Embracing What Makes Us Human: Exploring the Awesome Skills AI Can't Copy!

Summary

The ITP addresses student’s concerns about generative AI, their inability to distinguish between human and AI made. Through a cross-cultural collaboration between Austria and New Zealand we reinforce the distinctive qualities that make us human, such as empathy, critical thinking, and creativity. We encourage critical engagement with AI tools, exploring its risks, limitations, and positive applications through hands-on and reflective activities.

Team: Kiwi-Alpine Innovators, K-AI

Austria
Dr Bibiane Blauensteiner
Science Teacher
International Highschool Herzogberg

New Zealand
Ms Susana De OliveiraTomaz
STEAM Coordinator and Across School Lead for the Pupuke Kāhui Ako
Westlake Girls High School

Energy Production and AI&ED

Summary

By using AI tools, our ITP aims to construct an interdisciplinary learning module that merges English and Physics within the framework of Content Integrated Language Learning (CLIL). The goals of this unit are derived from both the local English and Physics curricula, as well as from Sustainable Development Goals (SDGs) and the promotion of AI literacy. Designed to be completed within five standard lessons, this learning unit aims to foster a holistic understanding of subject matter while promoting cross-disciplinary connections and addressing key societal and technological challenges.

Team: Energy Warriors

Finland
Mr Lauri Hellisten
Teacher
Espoon yhteislyseo

Malaysia
Mr Andrew Dung Kui Huang
Secondary School Educator
SMK Methodist
Enlarging Essay Writing skills in English and Geography through Using ChatGPT

**Summary**

Our project aims to improve essay writing and critical thinking skills. Geography students learn essay basics, generate an essay using ChatGPT, and engage in peer critique. Similarly, English students write opinion essays and use ChatGPT for content and vocabulary. Teachers then provide feedback. They end with a class practice self-writing an essay, which is compared with the AI-generated essay.

**Team: ChatGPT Essay Crafters**

Singapore  
Ms Victoria Ching Ngai Men  
Subject Head/ Geography  
Bedok View Secondary School

Slovenia  
Ms Aleksandra Pal  
English Language Teacher  
Gimnazija Ptuj

Environmental Awareness & Global Action - “A Planet Under Pressure”

**Summary**

This ITP illustrates Chou's (2016) Gamification Octalysis’ framework as a motivational tool and instructional design that uses game elements and design techniques to enhance user engagement and motivation in non-game contexts, such as the classroom, and Concept-Based Inquiry, a framework for inquiry that promotes deep understanding, engages students emotionally, creatively, and intellectually to instil deep and passionate curiosity for learning.

**Team: New Millenium**

Portugal  
Mrs Suzette Marina Antunes Duarte Oliveira  
MS English Teacher  
CLIP - Oporto International School

Viet Nam  
Ms Thi Thi Nguyen  
Teacher Trainer [English Teaching Methodology]  
GrapeSEED Viet Nam
Exploring Pastime Activities and Hobbies with AI

Summary

In this ITP for 9th-grade English as a Second Language class integrates technology, collaborative activities, and cultural exploration. Students engage in AI-assisted vocabulary building, create digital memory games, and participate in a hobby carousel. The lesson fosters communicative competence, vocabulary development, and technological literacy while encouraging intercultural understanding and personal development.

Team: Cro-Pak Hybrid Classroom

Croatia
Mrs Alenka Patrun
Teacher [Tourism]
Škola Za Turizam, Ugostiteljstvo i Trgovinu

Pakistan
Mr Adnan Hashmi
English Language Teacher
Roots Millennium School

Fostering Academic Morality Through Immersive AI Exploration

Summary

Our ITP nicknamed Cyber Virtue is an important tool for digital media literacy and AI-related ethical concerns awareness raising among more advanced students in secondary & tertiary education, since it involves digital content creation with the application of 4 different AI tools used for multimedia story telling and analysis. Students will use these tools along 4 sessions examining each other’s content with the interdisciplinary application of critical, creative and analytic skills.

Team: Cyber Virtue

China
Ms Yizhen Wang
Economics Teacher
Beijing National Day School

Hungary
Mr Zsolt Csutak
Teacher of IT English & Civilization Studies, Researcher
BMSZC Petrik Lajos Vocational Bilingual High School
## ASEFClassNet16 School Collaboration: Innovative Teaching Practices (ITP)

### Fusion Theme Menu of Malaysian and Portuguese Cuisine

**Summary**

How to use AI tools while developing 21st century skills? In this ITP, Malaysian and Portuguese students used AI tools (Perplexity, Canva’s DALL’E, Magic Media, audio generator and video) to generate a fusion theme menu and created illustrated written recipes using descriptive language, which required research, teamwork, creativity and problem solving skills.

**Team: Coriander**

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<thead>
<tr>
<th>Malaysia</th>
<th>Portugal</th>
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<tbody>
<tr>
<td>Mr Saumon Maliki</td>
<td>Ms Isabel Maria Gomes de Oliveira</td>
</tr>
<tr>
<td>Head of Culinary Arts Programme</td>
<td>English Language Teacher &amp; Project Coordinator</td>
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<td>Keningau Vocational College</td>
<td>Agrupamento de Escolas D. Filipa</td>
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### Implementing ESD Learning in Classrooms

**Summary**

Have you ever heard about Agenda30? Many of our students haven’t. With the help of our ITP, we provide a plethora of digital tools aimed at sparking curiosity and motivating students to delve deeper into understanding the Sustainable Development Goals (SDGs) from a local standpoint. These resources are designed to inspire and empower students to explore the relevance of Agenda30 in their communities and beyond, fostering a sense of ownership and engagement in addressing global challenges.

**Team: SDG Champions Alliance**

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<thead>
<tr>
<th>Finland</th>
<th>Hungary</th>
<th>Indonesia</th>
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<tbody>
<tr>
<td>Ms Anna Grönlund</td>
<td>Mrs Adrienn Körtvélyesi</td>
<td>Ms Siti Yiyin Layyinah</td>
</tr>
<tr>
<td>Teacher of English and German Languages</td>
<td>Educator</td>
<td>Mathematics Teacher</td>
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<td>Gymnasiet Lärkan</td>
<td>Bugát Pál Secondary Technical School</td>
<td>Insan Cendekia Madani School</td>
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Improving Creativity & Literacy among Students through Pixton

Summary

The aim of this ITP is to build students' literacy skills, help them think creatively by means of AI and avoid boredom in class by using a comic maker tool, namely Pixton. Framed by the topic of WW2, the ITP attempts to bring the subject of History into life and bridge intercultural issues via EFL teaching.

Team: Pixton's Team

Greece
Ms Christina Koutidou
Teacher
4th Lyceum of Serres

Indonesia
Ms Lia Fatih Af’idah
Teacher
Malang Islamic High School

Integrating AI Ethically to Improve Students' Job Application Skill

Summary

The aim is to develop e-learning materials to assist students in their job application process focusing on topics such as CV, cover letter, and job interview with the help of AI, to make them understand the range of possibilities it offers, and the ethics and values associated with using ChatGPT. In preparatory phase were used Canva, Moodle and ChatGPT and video possibilities. Using AI tools in job application documents help to enhance critical thinking, problem-solving, teamwork, effective learning, and personal development. Moreover, it supports students to get better job in the future.

Team: Team Kailia

Estonia
Ms Kaili Leino
Vocational Teacher [English Language]
Võru County Vocational Training Centre

Spain
Mrs Julia Cea Cabanelas
Professor [Music]
IES de viós
Interactive Pedagogy Project: Reducing Teacher Talk

Summary

This ITP merges AI-driven tools and active learning strategies to revolutionize education. By reducing teacher talk time and increasing student engagement, it delivers a dynamic and effective learning experience. With careful implementation and consideration of potential obstacles, this project promises outstanding outcomes and deserves any teacher’s appreciation.

Team: Brief AI-ducatlyisors

Kazakhstan  
Mr Baqlan Kojahmet  
Teacher  
Nazarbayev Intellectual School

Portugal  
Mrs Maria de Fátima da Silva Fernandes  
[Geography] Teacher  
Escola Secundária com 3º Ciclo  
Henrique Medina

LearnSync: Customised Learning Pathway

Summary

Through this ITP, we empower educators with the knowledge and skills to effectively integrate AI tools into their classrooms, tailored to meet the unique learning needs of each student. The aim is to support teachers in offering personalized learning pathways for their students, ensuring that every learner receives targeted instruction without placing undue burden on the educators themselves. By providing guidance and resources, we strive to enable teachers to optimize their teaching practices and enhance student engagement and achievement.

Team: AdaptEd Team: TailorLearn Task Force

Estonia  
Ms Dagmar Traumann  
Vocational Teacher  
Tartu vocational college

India  
Mrs Parameswari Jayaprakash  
Teacher  
Mahindra World School
Let Teachers’ Teach

Summary

Our ITP aims to tackle three common difficulties teachers face nowadays: Teachers’ work overload, Students lack of interest, Problems reaching every student in diverse classroom scenario. We will do so by setting a daily routine aided by AI powered tools to ensure quality teaching, Inclusiveness, efficiency and most important, engagement.

Team: JJP

China
Ms Jing Jing Lyu
English Lesson Preparation Team
Leader of Senior 3
No.3 Middle School of Liupanshui, Guizhou Province

Spain
Ms Pilar Brea Bermejo
Secondary School Teacher [International Transport]
CIFP Fontcarmoa

Lithuanian Wisen & Gobi Bear

Summary

The ITP aims to engage students in exploring climate change through the lens of endangered animal species in Lithuania and Mongolia, namely the wisent and Gobi bear. Students conduct research on the living conditions of these animals, including factors like temperature, habitat, water sources, and urbanization. They compare historical conditions from 100 to 150 years ago with present-day conditions and speculate on future trends. Guided discussions in groups prompt reflection on the research findings. Using gathered resources, students develop scripts for animated videos and bring their ideas to life through animation creation. In the final stage, students draw conclusions from their learning experiences and present their animated videos to peers in the partner country.

Team: Nature Lovers

Lithuania
Mrs Daiva Vaišnorienė
Teacher and Project Coordinator
Kaunas Waldorf School

Lithuania
Mrs Andzelika Uysaler
English Language Teacher, Deputy and Projects’ Coordinator
President Valdas Adamkus gymnasium

Mongolia
Mrs Chuluuntumur Damdin
English Language Teacher
Khanbogd School # 2

China
Ms Jing Jing Lyu
English Lesson Preparation Team
Leader of Senior 3
No.3 Middle School of Liupanshui, Guizhou Province

Spain
Ms Pilar Brea Bermejo
Secondary School Teacher [International Transport]
CIFP Fontcarmoa
Mapping Traces of AIdentity

Summary

This ITP explores the question "Who are you?" through a multidisciplinary approach, utilizing AI tools in High School. It considers humans as a genetic species and a social subject. Teachers and students employ various AI tools, fostering inclusivity, critical thinking, sustainability, and cross-cultural collaboration. The outcome is a diverse collection of student insights on human evolution and reflections through different perspectives, demonstrating their understanding of this complex topic.

Team: suvAlvors

Spain
Dr Danel Rey González
Secondary school and
Baccalaureate Teacher of Sciences
IES Indalecio Pérez Tizón

Viet Nam
Mr Fernando Paet Oringo
International Program Secondary
Teacher
IGC School

My Teacher’s e-Teaching Module (MyTeaM)

Summary

Pedagogically based on PBL, MyTeam aims, according to EDR, to train teachers to create and implement lesson plans using AI. Teachers have the commitment to reflect with students on the work carried out with the aim of defining a code of conduct on the use of AI in the classroom. We have a training proposal for implementation cycle one and the results of a month and a half of work with students in Malaysia.

Team: MyTeam

Malaysia
Ms Adelyn Chin
Teacher [English]
SMK Takis Papar

Portugal
Ms Isabel María Bernardo
Philosophy Teacher
Escola Secundária Lima-de-Faria
**Mystical Storybook**

**Summary**

The myths or legends between Indonesia and Estonia inspire students to write their own magical story. This project is to enhance students' writing capacity in English language classes using AI tools. AI is used to create imaginary characters and then build up the story of their own. The feedback from Indonesia or Estonia peers will complete their collaboration, creativities and engagement of intercultural relationship between two countries.

**Team: AI Avengers**

- **Estonia**
  - Mrs Ruth Nõmmik
  - English Language Teacher
  - Võru Gümnaasium

- **Indonesia**
  - Mrs Lusiana Dian Retnowati
  - English Language Teacher
  - SMP Xaverius Maria Palembang

**Problem Solving Challenge with ChatGPT**

**Summary**

Have you ever heard about Agenda30? Many of our students haven’t. With the help of our ITP you will easily find various digital tools to inspire and encourage students to discover and learn more about the SDGs from a local perspective. Please, check out our poster to get some ideas.

**Team: Emerald Guardians**

- **India**
  - Ms Uttara Kulkarni
  - Vice Principal
  - Barnes School and Junior College

- **Latvia**
  - Ms Ilze Šēnberga
  - Deputy to the Principal
  - Riga Catholic Grammar School

- **Spain**
  - Ms Susana Cabeza Cruz
  - Mathematics Teacher
  - IES Rey Fernando VI
Project Based GeoAI Explorations: Unveiling Sofia, Bulgaria, and Kunming, China

Summary

Integrated Literacy Mastery: Blending AI-Enhanced Personalized Exploration with Face-to-Face Interaction in English Education. AI powers 70-80% of the curriculum via the BANG app, immersing students in rich literary masterpieces to elevate reading proficiency. QuillBot refines writing with a literary focus, bridging the gap between writing and enhanced literary reading. Face-to-face classes enrich 20-30%, seamlessly merging technology with human connection for a comprehensive education.

Team: BulChiAI-11

China
Ms Hui Wang (Angel)
Executive Principal
Haibei Chinese-English School

Bulgaria
Ms Mirela Ivanova Petkova
Senior Teacher of Geography and Economics, Project Coordinator
19 High school: “Elin Pelin”

Talking Avatar in ESL

Summary

Leveraging AI as a presentation medium for projects not only enhances educational experiences but also makes learning enjoyable, motivating, and highly effective. The key attention of this ITP is oriented at collaboration and creativity (AI is the tool, not the aim). By utilising AI, students engage in immersive learning experiences, gaining valuable hands-on exposure that helps demystify the technology. This approach not only facilitates deeper understanding but also cultivates essential skills for the future.

Team: Chinese Czech-Mates

China
Mr Yuqing Long
Mathematics Teacher (High School)
Tsinghua International School

Czech Republic
Mr Martin Benda
ESL Teacher
ZS Nad Prehradou
The Bypass Path for AI in Schools

Summary

Through this ITP, firstly, participants will learn to harness Machine Learning as a valuable resource. Then, they will delve into either ChatGPT or Bard to envision a future profession. Next, using ChatGPT, they’ll craft a presentation showcasing themselves in this envisioned role. Finally, they’ll employ their newfound skills to design a company webpage aimed at addressing the pressing issue of climate change.

Team: Bypass Path

Japan
Ms Hiroko Tanaka
Teacher
Hyogo Prefectural Sanda Shounkan
Senior High School

Portugal
Mr Tito Lívio Filipe
IT Teacher an ICT Coordinator
Agrupamento de Escolas de Nisa

To Save a Life is to Save our Planet: Utilising AIED in the Context of SDG15

Summary

Students utilize AI tools to enhance their video channel, aiming to foster tolerance, cultural understanding, language proficiency, creativity, and teamwork. They delve into literature, crafting scripts, recording voices, and using AI animation to illustrate stories. The project includes ethical considerations on AI tool usage. Teachers and students embrace AI exploration, preparing learners for future technological advancements.

Team: Borderless Explorers

Italy
Mrs Mariolina Bono
Teacher
Liceo Scientifico Statale Enrico Fermi

Malaysia
Ms Shi Min Tan
Head of English Panel
Syed Ibrahim Secondary School
Train the AI

Summary

How AI works? In this ITP we dive inside Machine Learning. We train it to differentiate geometric figures and give students some challenges so they can discover that everything is categorised, including human. But some bias appears. Finally, we reflect about these ethical issues, showing some examples.

Team: Global AI Educators

Malaysia
Mr Sin Yee Moh  
Teacher [Mathematics]  
Sung Siew Secondary School (CF), Sandakan

Spain
Mr Daniel Aguirre Molina  
Science Teacher  
Colegio Pedro Poveda

Writing English Easily with AI and Exploring its Ethical Aspects

Summary

This ITP aims to seamlessly incorporate AI-driven writing tools into English classes while heightening awareness of their ethical dimensions. Through a variety of engaging activities such as games, group work, class debates, and poster presentations, we aim to equip students with the necessary language skills to navigate the nuances of these tools. Our approach encourages critical thinking as students explore the potential benefits and drawbacks of AI-driven writing, fostering not only English language proficiency but also ethical literacy.

Team: Torchbearer

Bangladesh
Mrs Lutfunnissa Khanom  
English Language Teacher  
Jamal Khan Kumari City Corporation Girls' High School

Estonia
Mrs Orsolya Sild  
Estonian and Finnish as a Second Language Teacher  
Narva Riigigümnaasium