五寮國小教導主任 張瀚中 從E^2 2017全球教師論壇的經驗出發 五寮國小嶄新視界

簡報大綱

- 一、綠起
- 二、E^2大會
- •三、現在的五寮

一、綠起

- (一)新北市單一簽證登入
- (二)從MIE的自我增能開始
- (三)課程學習自我安排,挑自己喜歡的上。
- (四)資料第一手
- Link https://education.microsoft.com

Microsoft Innovative Educator (MIE) programs

Badges, points, and certificates

Courses and resources

Skype in the Classroom

Find, create, and share a lesson

Connect and share with educators

School Leaders Toolkit

Higher Education



Chang Han Chung

Wres > Taiwan

Subjects: Technology / Science









About

Achievements

Favorites

Development

Content Connections

🖋 Edit



More About Me

Native Language

English

Other Languages

Chinese, English

Age Level

Ages 11-13

Categories

Technology / Science

Recover Account















































機會和挑戰

參賽資格:台灣微軟創新菁英教師及所有台灣教育部體制內教師 (包含代理代課教師)。

報名方式:

- 1. 將您的Office Mix 連結、數位教材說明文件 (例如 PowerPoint, Sway) 上傳至台灣微軟創新菁英教師團隊臉書。
- 2. 填寫報名表單Microsoft Forms (中文姓名、英文姓名、服務單位、教材名稱、教材科目、任教年級、使用資源與軟體、簡單述教案之創新應用、任教班級學生應用成果分享、Mix連結作品連結等。)

評審委員(邀請中):

- 1. 國立臺北教育大學 課程與教學傳播科技研究所 劉遠楨教授
- 2. 臺北市立大學 教育學系 黃思華 副教授
- 3. 所有參賽教師
- 4. 台灣微軟內部高階主管

評分標準:

- 1. 數位化創新思維
- 2. 全球數位勳章數(Digital Badge)以及全球證照(MOS/MEC) 說明請見此份Sway https://sway.com/2vAhfmbH1STdKfVf
- 3. 實用性及作品完整性(+ Office Mix分享): 實際運用到教學現場的教學成效
- 4. 差異化教學以及個人化學習
- 5. 參賽教師互評
- 6. X factor: 例如全校參與STEM相關活動、遠距跨國交流等

獎勵辦法:

1. 數位化教育轉型教師交流大會優勝(3-5名) 榮獲至加拿大多倫多參加2017微軟全球教師交流會資格 注意: (僅限微軟創新菁英教師以及未參加過Educator Exchange 的創新菁英教師) • (一)機會:檢視自己在行動學習的努力

• (二)挑戰:用不同的工具來說一個「行動學習」故事。

Chang Han-Chung

Digital Story Telling

o2 Expert of Digital Story teller

- Mode of Curriculum
- 1. Discover Questions

Making use of questions or learning tasks as the axis for learners to make the learning objectives with the mobile device

2. Collect data

Making use of the mind map to analyze the data, build up the concept and verify the data

3. Share and report

Making a report and sharing by means of the mind map, film, PPT, and so on.

- Teaching specialty
- 1. Application of Inquiry

With Inquiry Instructional Strategy, the learners used the mobile device to learn the languages or science and technology.

2. Application of Mind map

With X-mind, Coggle APPs, the learners learn on their own to improve their ability of analysis and combination

3. Application of digital story telling

With the process of the script writing, filming, editing, and product sharing, directing the students to tell stories in digital ways

4. With the multi-system mobile device

The learners have various learning by means of network platform.

5. Instruction With mobile device

Develop various ways of teaching, such as WIP, ADDIE, the little bookworm, the little director, the little reporter



o3Curriculum development

- Demonstrate the lesson planning
- Revise as Frame 3rd
- Curriculum design includes the 5th and 6th grade
- Main teaching subjects: Integrative Activities and Information Technology Education
- APPs: Movie Maker and Word

o4 Development of the Curriculum

- Demonstrate the lesson
- Objectives: enable the learners to think, design, create, express, and apply technology to end up with a combination of unique production
- Teaching resource: E-book of Movie Maker, of Easy construction, and image database
- 40 classes; other class recess to produce

驚喜



Jasmine Jocelyn

2月2日

經過所有評審熱烈討論並蒐集了參賽教師的互評結果,再加上許多優秀教師的特殊貢獻(請見評分標準第六點X factor),初六開工第一天,我們在此公布大家期盼已久的新春好消息,恭喜以下獲獎教師取得先「雞」,我們也將於3/3 (五)下午於台灣微軟舉行頒獎典禮,敬請期待!

2017數位化教育轉型教師交流大會優勝(按照區域由北至南):

張瀚中老師 新北市三峽區五寮國小

林寬慧老師 新竹市竹北區豐田國小

黃崇雨老師 嘉義市北園國小

郭晴之老師 高雄市左營國小

2017數位化教育轉型教師交流大會典範獎(按照區域由北至南):

羅成泰 台北市幸安國小

呂聰賢 新北市昌福國小

林佳徵 桃園市新明國小

陳怡君 苗栗縣新港國中小

吳炳連 彰化市彰興國中

王怡方 台南市海東國小

數位化教育轉型教師交流大會佳作獎(按照區域由北至南):

郭慧敏 新北市中和高中

郭芳瑜 嘉義市北園國小

黃郁雯 嘉義市北園國小

李佳蓉 台南市海東國小

針對這次比賽因時程限制來不及參加,但平日教學使用微軟相關工具及資源累積精彩作品或有特殊貢獻的教師,我們也列入此次比賽的考量之一並頒授典範獎,感謝他們長期在資訊融入教育的耕耘,啟發許多熱血教師,著實堪為典範,在此逐一說明如下:

- (一) 五寮數位說故事課程獲得肯定
- (二)參加多倫多 E^2交流大會
- (三)在會場交流我們五寮的行動學習

Sanxia District, New Taipei City, Taiwan



We have butterfly ecology at our school. Therefore, we design various curriculum based on this. My students learn to make PPTs showing butterfly ecology as a final production. Then, my team members will turn these PPTs into the E-book.



Inquiry by PPT **Butterfly SWF**





Papilio polytes pasikrates





Danaus genutia





Cyrestis thyodamas formosana





Troides aeacus formosanus

Digital Story Telling



MIE Expert Name Chang Han-Chung

Country: Taiwan(R.O.C)

School: Wuliao Elementary School Name of Learning Activity: Digital Story Telling

Student Age(s): 9 to 12 years old

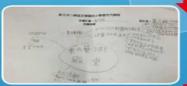
Subject: Integrative activities, social studies, science

and technology

URL to learning activity:

https://mix.office.com/watch/1te9tlv033tmb







Movie Maker E-book







PBL by Onenote





Wuliao Elementary School

With reading ability as our cornerstone, M-learning as our media, We develop the courses of "Wuliao Bamboo Master"And cultivate our students to meet the future challenges With their ability of expressing well, reading well, Knowing well how to use mobile devices, And how to appreciate and collaborate. We flip Wuliao with technology And build a Bamboo-tech Wonderland.







Five Sourses



















Homework

Youtube

二、E^2大會

- (一) 滙集了2016 MIE的全球教師交流
- (二)每個小組都有自己的課題
- (三) 認識新的資訊和教育潮流
- (四) 只有單一語言 ---- 英語

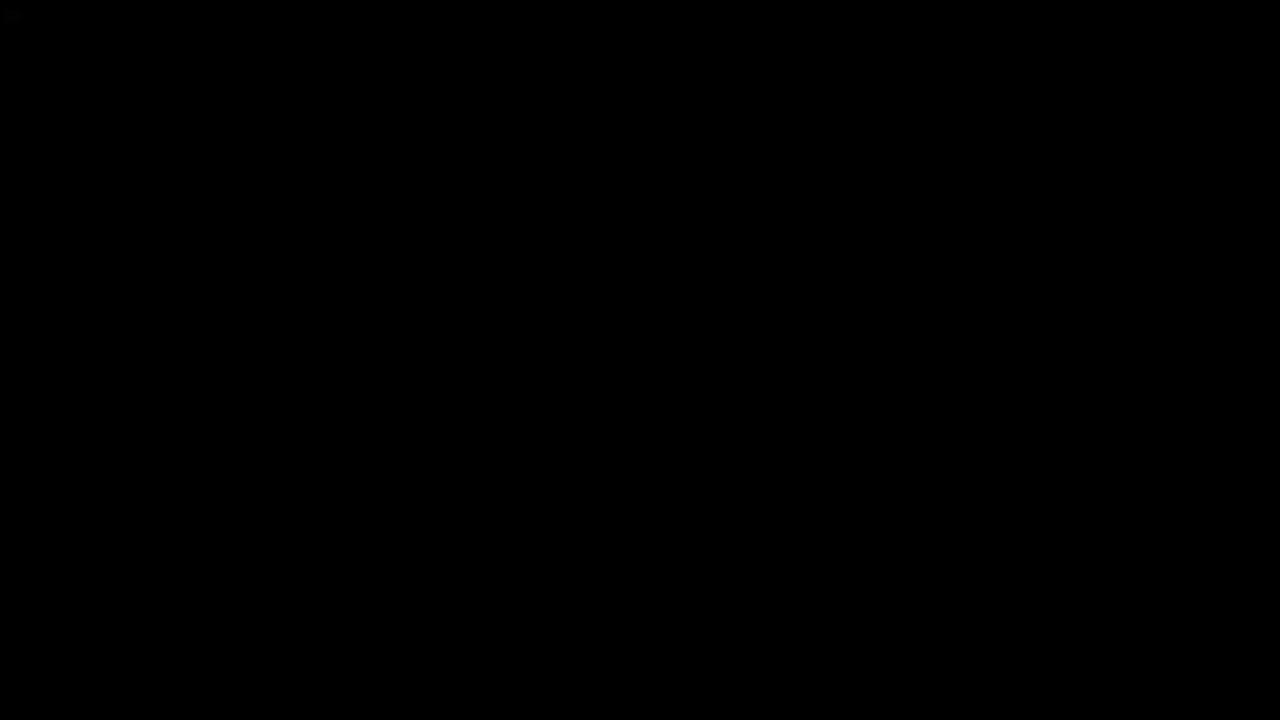
我的小組與任務

Group 15						
MIE Fellow	Coach	Mrs.	Champa	Rathnayake	Sri Lanka	Ages 11-13
MIE Expert		Mrs.	Kristin	Barr	United States	Ages 11–13
MIE Expert		Miss	Wei	Li	China	Ages 11–13
MIE Expert		Mrs.	Moshira	Shafei	Egypt	Ages 11–13
MIE Expert		Mr.	Moon Cheol	Seok	Korea	Ages 11–13
MIE Expert		<mark>Mr.</mark>	Hun Chung	Chang	<mark>Taiwan</mark>	Ages 11–13



Multiple Quizzes in Office Mix Group 15

One Quiz is Not Enough



Statement of Problem

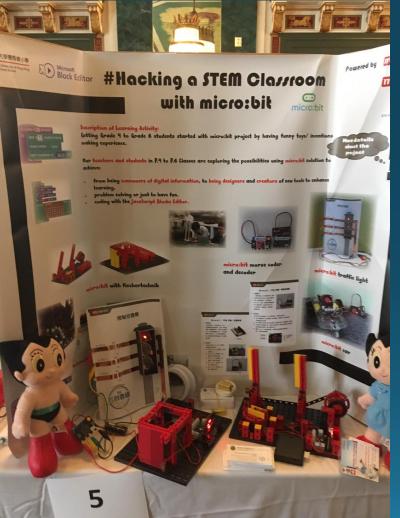
- One quiz cannot meet the needs of all learners. Teachers need the ability to *differentiate* the questions included in an Office Mix video to challenge each student's ability.
- Teachers need to be able to make multiple
 quizzes within the same Office Mix to fit the
 needs of different learners.

學習和刺激

- (一) 單一主題式的課程學習
- (二)單一APP的運用
- (三)持續穩健地運用在課堂上
- (四)簡單分成四大類:Coding、PBL、
- · Skype、特色課程

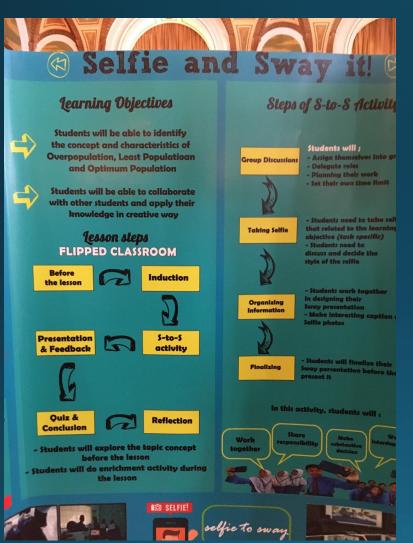
Coding課程



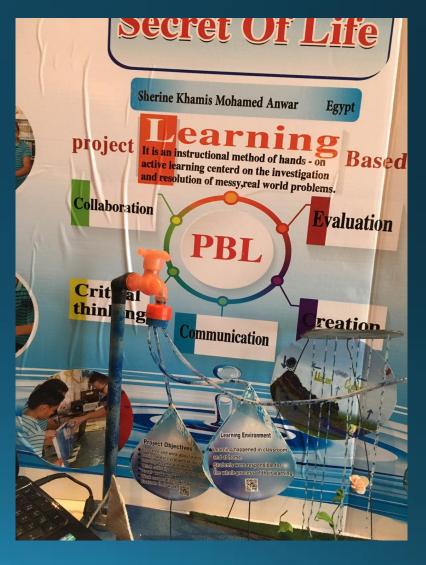




PBL課程

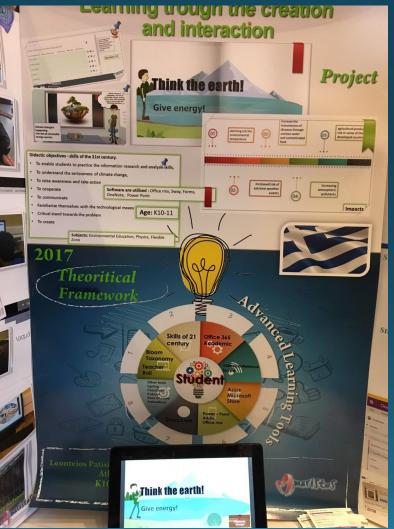


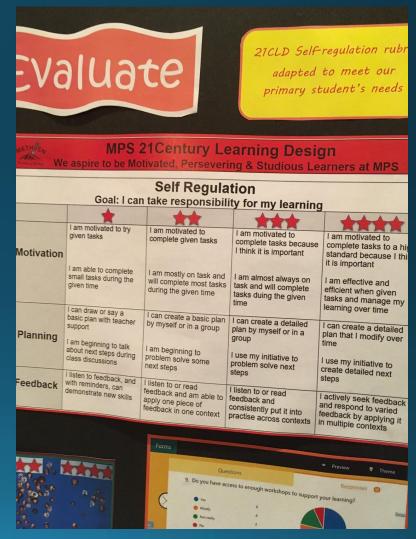




PBL課程

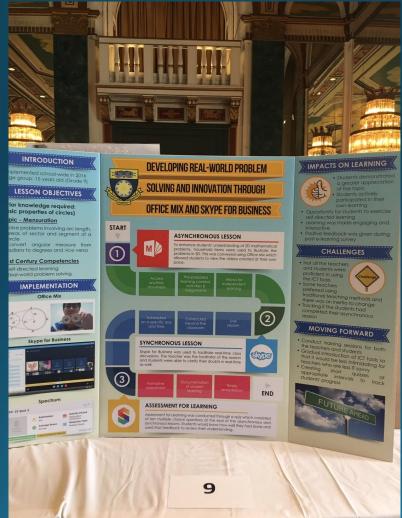






SKYPE課程



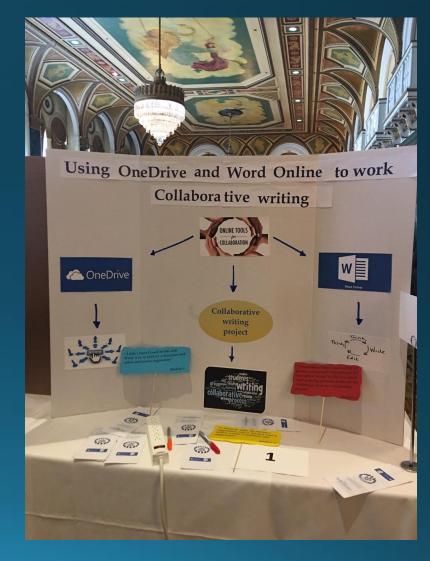




特色課程







然後呢?

三、現在的五寮







謝謝聆聽