

#### 資訊科技教育卓越中心學校 佐敦谷聖若瑟天主教小學 有效運用電子評估工具

梁幗君老師 Miss Stella Leung

3-10-2017









#### **Background Information**

- WiFi 100
- eLearning development: 5<sup>th</sup> year (12 classes)

Year	Class and Subject	No. of Teachers
13-14	P.4D (Chinese)	1
14-15	P.4A-D (Chinese) P.5AB (Chinese, English, Maths)	10
15-16	P.4A-D (Chinese)	22
16-17	P.5A-D (Chinese, English, Maths)	28
17-18	P.6A-D (Chinese, English, Maths)	<b>28</b>







### **Background Information**

- TSS \* 2
- Bring Your Own Device (BYOD)
   (P.4-6)
- Spare Tablets (For teachers, P.1-3 students)







## Jordan St. Joseph's Catholic Primary School EXCE | ence



香港特別行政區政府 教育局



GOVHK香港政府一站通

简体版 ENGLISH

□流動 / 無障礙瀏覽版本 我的自訂色彩 AAA 輸入查詢字串



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公開資料

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₫ 列印

#### 資訊科技教育卓越中心

中學 | 小學 | 特殊學校 | 專業發展課程 | 學校名單 | 到校支援申請表

簡介

教育局每年透過有關教師借調計劃的通函邀請各官立及資助中學、小學、特殊學校及直接資助計劃學校的校長和教師參加資訊科技教育卓越 中心計劃。每所參與的學校須提名兩名現職教師推任兼職借調教師,為此學校會獲發津貼用作聘任一名代課教師減輕該兩名借調教師的教 **擔**。

#### 借調教師的主要職責包括:

- 向其他學校提供到校支援服務,就推行資訊科技教育的教學法、技術及管理等作出支援;[到校支援服務申請表]
- 策劃及舉辦專業發展課程,分享和推廣他們通過實踐所得並具成效的資訊科技教育經驗;(相關網頁: http://www.edb.gov.hk/tc/edusystem/primary-secondary/applicable-to-primary-secondary/it-in-edu/pdp-ited.html)
- 組織地區/全港的教師學習社群;以及
- 協助向校長、學生及家長等持分者,傳遞有關資訊科技教育事宜的政府政策及措施,例如資訊科技教育策略。(第四個資訊科技教育策略 網頁 http://www.edb.gov.hk/ited/ite4 c)

這計劃能有效協助借調教師擴闊視野、豐富他們對資訊科技教育的經驗和知識,發展他們潛能和專業才能。







### 學校推行電子學習的情況

#### 佐敦谷聖若瑟天主教小學

- 本校於2014/15學年,成功申請「電子學習學校支援計劃」, 提升學校無線網絡基礎設施,以配合師生課堂中使用電子教科 書和電子學習資源。

- 從2013開始,學校在小四推行自携裝置計劃 (BYOD),計劃 已擴展到所有小四至小六班別,主要在中、英、數3科推行電子 學習。

- 教授電子班的老師經常於課堂中使用不同的電子書、免費教學 平台及流動應用程式以促進學與教效能。

- 老師於課堂上亦會使用不同之電子評估工具以「促進學習的評估」,亦會利用STAR平台的數據以分析學生的學習表現。

- 本校老師於2014/15及2015/16學年連續兩年獲得由教育局及香港教育城主辦之「電子學習應用獎勵計劃」小學組金獎。

梁幗君老師

雷話: 2305 0061







### Jord Walley St. Joseph's Catholic Primary School The second seco e-Assessments?

auto-marking system reuse and share materials easily reliable storage and retrieval of assessment materials and reports



detailed students' performance reports



timely follow-up work





## Advantages of using e-Assessments:



instant feedback → promote learning

### anytime, anywhere

enhance learners' engagement

convenient to use: different mobile devices







#### eAssessment Tools:















### STAR 平台的校本應用











## 中文科應用例子







#### 利用STAR 平台的試題作為 前測及後測之用







老師跟進學生在 EDpuzzle的作答 情況,與學生進 行討論





由學生歸納出 說明文的特點 及用途







引入課文 (說明文)



老師透過提問 文章的內容, 中學生歸納出 閱讀說明文/ 說明性文字時 要注意的地方。



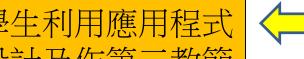
分組活動: 學生分組討論其 創意發明



學生進行匯報及 同儕互評



學生利用應用程式 設計及作第三教節











### 利用STAR 平台的試題作為 前測及後測之用

學生作 口頭報告



老師與學生 給予回饋



老師總結說明文 的應用、特點及 閱讀時要注意 的地方





後測 STAR 網上評估 (說明文)







# Application of STAR platform in English Language Teaching









### 1. Pre-test VS Post-test







## Jordan Valley St. Joseph's Catholic Primary School Reading Comprehension **Pre-test VS Post-test**

#### **Pre-test**

(News report)

Topic: A robbery

**STAR** 

#### **Data Analysis**

Find out Ss' weaknesses (Reading skills)



Introduce the story in the textbook and the features of the text type

**Teaching** 

### Teaching



#### **Post-test**

(News report)

Topic: A robbery

**STAR** 





### Teacher's Report

#### Pre-test

#### **Post-test**

		Studer answe	LII	e/Show answ	ers					Downle
√	X	X	√	√	√	Χ	Х	X	√	Χ
✓	X	√	✓	Х	Χ	Х	Х	<b>√</b>	Х	√
✓	✓	X	√	Χ	Χ	Х	Χ	<b>√</b>	√	Χ
√	X	Χ	√	√	Χ	Х	<b>√</b>	√	Χ	Χ
Х	X	X	Χ	√	X	√	Χ	X	√	√
√	✓	X	√	Χ	<b>√</b>	Х	<b>√</b>	✓	√	Χ
√	✓	X	√	✓	✓	✓	√	✓	√	√
Х	X	X	Χ	Х	X	Х	Х	X	Х	Χ
√	✓	√	√	Χ	<b>√</b>	✓	Х	<b>√</b>	X	Χ
✓	✓	√	✓	✓	Х	✓	√	✓	√	√
√	√	X	√	X	√	Χ	√	✓	Х	Χ
√	X	X	Χ	√	X	Х	√	X	Х	Χ
√	Χ	√	√	√	√	√	√	√	√	Χ
X	X	X	√	✓	Х	Х	Х	X	Х	✓
20	13	11	19	12	11	13	11	18	14	11
77%	50%	42%	73%	46%	42%	50%	42%	69%	54%	42%
L3-R-5- P6BC	L3-R-5- P6BC	L3-R-5- P6BC	L3-R-5- P6BC	L3-R-5- P6BC	L4-R-4- P6BC	L3-R-5- P6BC	L3-R-5- P6BC	L3-R-5- P6BC	L3-R-5- P6BC	L3-R-5- P6BC

le texts with the help of cues	WLTS
literary / imaginative texts	WLTS

	udent swer	de/Show answer	S				Down
v	٧	^	V	٨	v	٧	٧
✓	✓	Χ	✓	✓	✓	✓	Χ
✓	✓	Χ	√	✓	✓	✓	Χ
√	✓	Χ	√	Χ	√	Χ	√
√	√	✓	√	√	√	√	√
√	√	Χ	√	Х	√	Χ	Χ
√	✓	Χ	√	√	✓	√	Χ
√	✓	Х	√	Х	✓	✓	√
Χ	Х	Х	√	Х	✓	Χ	Х
√	✓	Х	√	√	√	Χ	Х
15	15	4	15	9	16	12	9
88%	88%	24%	88%	53%	94%	71%	53%
L3-R-5-P6BC	L3-R-5-P6BC	L3-R-5-P6BC	L3-R-5-P6BC	L3-R-5-P6BC	L3-R-5-P6BC	L3-R-5-P6BC	L3-R-6-P6BC

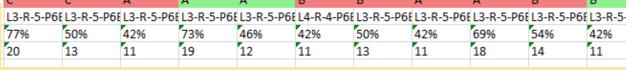






## Jordan Valley St. Joseph's Ca EXCE a School

>	23													
Y		Α	В	G	Н	T.	J	K	L	M	N	0	Р	Q
	1	Class	Class - No	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	1-9	1-10	1-11
	2	P5D	P5D - 1	В	С	Α	В	В	В	С	D	С	Α	D
	3	P5D	P5D - 2											
	4	P5D	P5D - 3	D	D	В		D	D	С	В	С	С	D
	5	P5D	P5D - 4	D	D	В	Α	Α	D	С	D	С	С	В
	6	P5D	P5D - 5	D	В	В	Α	D	Α	В	С	С	В	В
	7	P5D	P5D - 6	С	D	D	С	С	Α	В	Α	В	Α	Α
	8	P5D	P5D - 7	D	В	С	Α	Α	D	С	D	С	С	В
	9	P5D	P5D - 8	С	В	В	Α	D	В	С	D	С	В	В
	10	P5D	P5D - 9	D	Α	D	Α	С	Α	D	Α	Α	В	С
	11	P5D	P5D - 10	D	D	Α	Α	Α	Α	С	D	С	С	D
	12	P5D	P5D - 11	D	D	В	Α	D	Α	С	В	С	С	В
	13	P5D	P5D - 12	D	D	В	Α	Α	D	С	В	С	С	Α
	14	P5D	P5D - 13	D	D	В	С	D	D	D	В	D	С	В
	15	P5D	P5D - 14	D	В	D	Α	Α	D	D	D	Α	С	Α
	16	P5D	P5D - 15	D	В	В	Α	D	Α	D	Α	С	D	В
	17	P5D	P5D - 16	D	D	С	Α	D	Α	D	D	С	С	Α
	18	P5D	P5D - 17	D	Α	Α	Α	Α	Α	Α	В	С	Α	Α
	19	P5D	P5D - 18	С	Α	Α	D	Α	Α	С	С	Α	С	В
	20	P5D	P5D - 19	D	D	С	Α	D	D	D	В	С	С	Α
	21	P5D	P5D - 20	D	D	С	Α	Α	D	С	В	С	С	В
	22	P5D	P5D - 21											
	23	P5D	P5D - 22											
	24	P5D	P5D - 23	D	D	В	Α	D	D	С	D	С	D	Α
	25	P5D	P5D - 24	D	D	В	Α	Α	Α	С	В	С	С	В
	26	P5D	P5D - 25	D	D	С	Α	D	D	Α	В	С	Α	С
1	27	P5D	P5D - 26	D	Α	С	D	Α	Α	D	В	В	В	Α
	28	P5D	P5D - 27	D	В	В	Α	Α	D	С	В	С	С	D
_	29	P5D	P5D - 28	С	С	Α	Α	Α	В	В	Α	Α	В	В
1		~												EL3-R-5-P6B(
		1		770/		4004	700/	A COL	400/	FOR	400/	CON	- 407	4007





### Student's Report

				Individual report	
aper ti	Reading Ex. 2	16-1-2017 (NEW)			
tart ti	me 2017-01-16 13	:26		End time	201
lame				Class - No.	P5D
tems t	total			Correct total	8
tem No.	Suggested answer	Student answer	Correctness	Possible mistakes and misconceptions	
1-1	В	В	V		
1-2	A	A	VXXXXX	ACCOUNT OF THE PARTY OF THE PAR	
1-3	D	D			
1-4	С	С	Noorkoux.	WWW.	
1-5	D	D	ANNA PARA		
1-6	В	С	X		
1-7	В	В	Valenta de la companya della companya della companya de la companya de la companya della company		
1-8	С	С	<b>V</b>		
1-9	E,B,A,F,D,C	E,B,A,F,D,C	/		A 168



Basic competency note

1 L3-R-5-P6BC: Using a range of reading strategies to understand the meaning of simple texts with the help of cues







ass P5D	Status	All (108)	▼				Student answer	Hide/SI	how answers						Down
D - 12	······	ıbmıtted	10	1	✓	✓	✓	√	✓	✓	✓	✓	✓	<b>√</b>	Х
D - 13		ıbmitted	7	1	✓	✓	✓	Х	X	<b>√</b>	Χ	>	X	✓	√
0 - 14		ıbmitted	5	1	✓	Х	Х	✓	✓	✓	Х	Х	X	✓	Х
) - 15		ıbmitted	5	1	✓	Х	✓	✓	Х	Х	Х	Х	✓	Х	✓
) - 16		ıbmitted	5	1	✓	✓	Χ	✓	Х	Х	Х	Х	✓	✓	Х
- 17		ıbmitted	5	1	✓	Χ	Χ	✓	✓	Χ	Х	✓	✓	Χ	Х
- 18		ıbmitted	4	1	Χ	Χ	Χ	Χ	✓	Х	✓	Χ	Χ	✓	✓
- 19		ıbmitted	7	1	✓	✓	Χ	✓	Х	✓	Х	✓	✓	✓	Х
- 20		ıbmitted	10	1	✓	✓	Χ	✓	✓	✓	✓	✓	✓	✓	✓
- 21	Students'	ot submitted													
- 22	Stauchts	ıbmitted	0	1	Х	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Х
- 23		ıbmitted	7	1	✓	✓	✓	✓	Χ	✓	✓	Χ	✓	Χ	Χ
- 24	Names	ıbmitted	10	1	✓	✓	✓	✓	✓	Χ	✓	✓	✓	✓	√
- 25	Mailles	ıbmitted	6	1	✓	✓	Χ	✓	Χ	✓	Х	✓	✓	Х	Х
- 26		ıbmitted	3	1	✓	Χ	Х	Χ	✓	Х	Х	✓	Х	Х	Х
) - 27		ıbmitted	9	1	✓	Х	✓	✓	✓	✓	✓	✓	✓	✓	Х
) - 28		ıbmitted	3	1	Х	Х	Х	✓	✓	Х	Х	Х	Х	Х	✓
		orrect total (BC)	·		20	13	11	19	12	11	13	11	18	14	11
		orrect percentage			77%	50%	42%	73%	46%	42%	50%	42%	69%	54%	42%
		Basic competency								14 D 4 DEDC	12-R-5-P6BC	L3-R-5-P6BC	L3-R-5-P6BC	L3-R-5-P6BC	L3-R-5-P6B

Using a range of reading strategies to understand the meaning of simple texts with the help of cues

Understanding the use of a small range of language features in simple literary / imaginative texts



3-R-5-P6BC

L4-R-4-P6BC





### Follow-up materials:

Basic competenc	y note	
1 L3-R-5-P6BC:	Using a range of reading strategies to understand the meaning of simple texts with the help of cues	WLTS
2 L3-R-6-P6BC:	Applying simple reference skills with the help of cues	WLTS







### Follow-up materials:

#### L3-R-3-P6BC -

Showing a basic understanding of simple and familiar texts by reading aloud the texts with comprehensible pronunciation and generally appropriate pace, stress, rhythm and intonation

#### I 4-R-4-P6BC -

Understanding the use of a small range of language features in simple literary / imaginative texts

#### L3-R-5-P6BC -

Using a range of reading strategies to understand the

#### Follow-up Materials

Learners' possible problem(s) (for reference only)

- Learners are not able to make inferences to understand the meaning of simple texts.
- 2 Learners are not able to predict the likely development of simple texts
- 3 Learners are not able to understand and respond to messages in simple letters and notes.
- Learners are not familiar with the formulaic expressions used in letters of different purposes.
- 5 Learners are not able to identify gist / main ideas in simple texts.
- 6 Learners are not able to scan for specific information.
- Learners are not able to understand the connection between ideas (by identifying a range of cohesive devices).

#### Suggestions for Follow-up Actions

Learning Unit	Description	Problem addressed (see above)	Suggested duration (minutes)	Students' Self- access
A Lesson for Jack	By reading an interactive story about Jack, learners are given the opportunity to respond to and act out the story.  They also learn to retell the story through writing an email to a friend.  Related Module: Changes	5	75	<b>✓</b>
Be a Good Cook  Preview > Download >	Learners familiarize themselves with the vocabulary of food by playing jigsaw and card games in class.  They then listen for specific information and to use visual and contextual clues to understand a simple spoken text through an interactive activity.  Related Module: Food and Drinks	6	65	~







### 2. Formative Assessment









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## Jordan Valley St. Joseph's Catholic Primary School

#### **Assessments:**

	1 <sup>st</sup> Term	2 <sup>nd</sup> Term	Types of assessment
F.A.1	Grammar + Reading comprehension	Grammar + Reading comprehension	Formative
F.A.2	Grammar + Reading comprehension	Grammar + Reading comprehension	Formative
F.A.3	Reading Comprehension (STAR)	Reading Comprehension (STAR)	Formative
	Exam	Exam	Summative



### Student's Performance Report

1				
	RDAN VALLEY ST. JOSEP	U'C CATUOI I	C DDIMADV CC	Parent's HOOL← signature
<u></u>	FORMATIVE ASSESSME			_
NAME .		•	TERM 2013-201 KS:	_
	( )	-		
CLASS :	P6()	_ DATE	: <u>21<sup>st</sup>/22<sup>sd</sup></u>	January,2016_₽
Time allowed	: 20 minutes↔	Matauri alda	Destis Hereita	C
		Not yet able 0-7	Partially able 8-15	Generally able ← 16-20←
		₽		
	Reading	Comprehensi	<u>on</u> ↩	
ψ.				
Assessment F	ocus 1: Pupils have to use			
	answers for the con	-	uestions of a bool	k report. ↓
	7% (7 questions @	01%)⊬		
4	4	Not yet able 0-2	Partially able 3-4	Generally able ↓ 5-7↓
				ų.
₽.				
Assessment F	ocus 2: Pupils have to use	different read	ling strategies to i	find the ↓
	answers for the con	iprehension q	uestions of differ	ent types of
	charts. 8% (8 que	stions @1%)	<b>↓</b>	
the state of the s		Not yet able	Partially able	Generally able ↔
4		0-2	3-5	6-8≁
.1	+			<del> </del>
<b>+</b>				
Note: FA3	was carried out in Stude	ent Assessme	ent of HKEAA.F	arents can
see t	the detailed results of t	he assessmer	nt on your child	's BCA ↔
acco	unt. ₽			
(往用	【性評估三是在考評局學生	評估系統進行	,家長可登入	貴子弟之戶
•	詳細了解 貴子弟之評估		200 322/1	J C J J (100-10)
۵,	計24年1月17年	灰現°)← The End		
Laborator (Fig. 1)		The End.		







# 3. Integration with other eLearning platforms







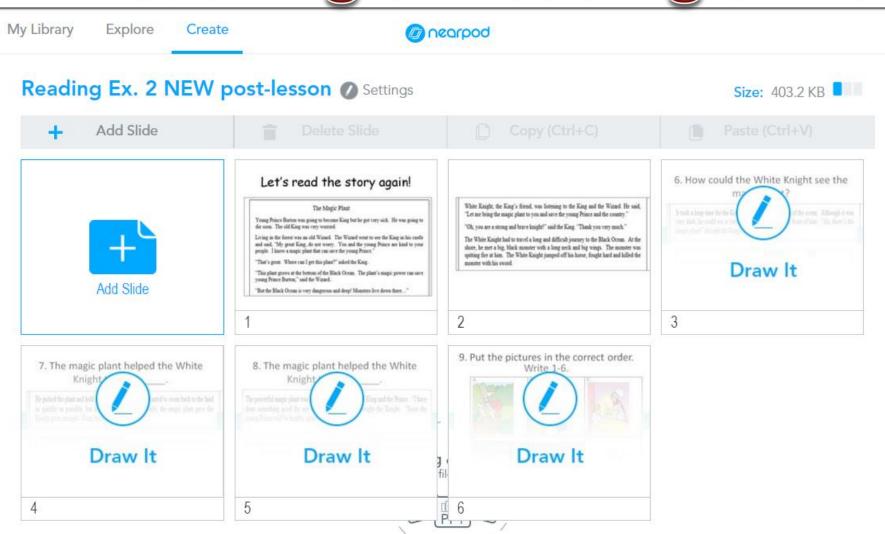








### Jordan Yalley St. Joseph's Catholic Primary School f Reading Skills





#### eAssessment Tool:

















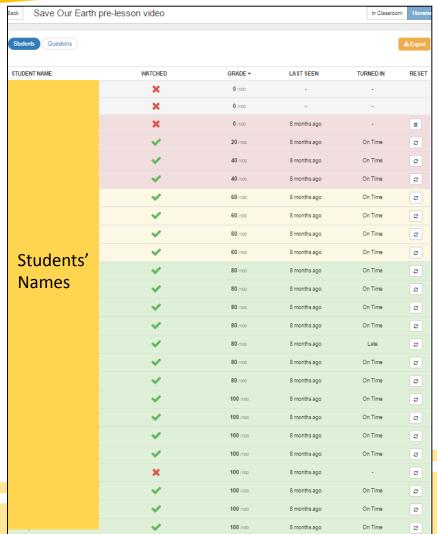


















#### Follow-up work

Back

Save Our Earth pre-lesson video

In Classroom

Homework

Students

Questions

**≛** Export

What can people put in the recycle bins?

Multiple choice at 1:20

successful students: 13 /25

Why do people write on both sides of paper?

Multiple choice at 1:07

successful students: 14 /25

What are the 3Rs in saving our Earth?

Multiple choice at 0:34

successful students: 17 /25

What can people do to reduce the use of water?

Multiple choice at 2:05

successful students: 20 /25

What can people do to reduce the air pollution in Hong Kong?

Multiple choice at 1:44

successful students: 21 /25







#### eAssessment Tool:

# Google Element of the Cooperation of the Cooperatio













### 可插入圖片/影片

不用批改即接出。







## Set quizzes

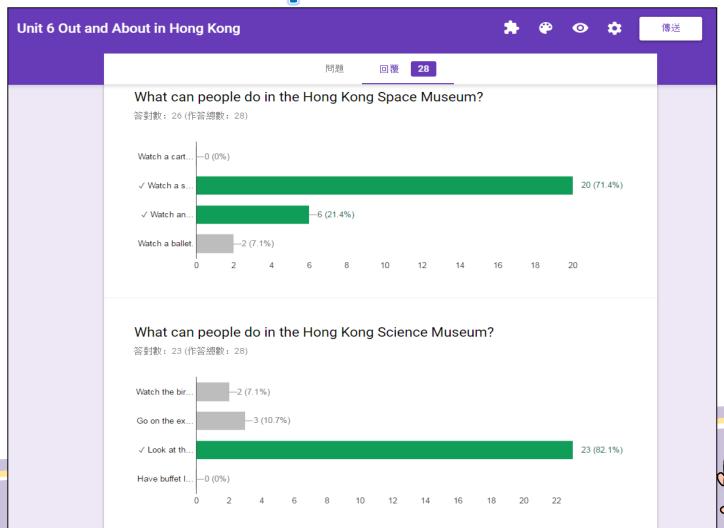








#### Overall performance





# Jordan Valley St. Joseph's Catholic Primary School Individual performance

問題 回覆 28						
8 則回應						
摘要 個別	接受回應					
spp1213018@jvsj.edu.hk (1)    〈 第 11 貝	Do you like going to Ocean Park? Why? *					
5分(滿分:5) 🖟 🥏 分數已公佈(1月12日上午9:36)	Yes, because I like go on the exciting rides.					
Unit 6 Out and About in Hon						
Choose the best answers and write your own answers.	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・					
*必填	利坦 间方打下台 凹膜					
✓ What can people do in the Hong Kong Space M	luseum					
Watch a cartoon.	Where do you want to go with Miss Leung? Why? *					
Watch a sky show.						
Watch an astronomy film show.	Lucent to Discourse day on with Miss Lourse because the library of the second					
Watch a ballet.	I want to Disneyland to go with Miss Leung because she likes cartoon characters.					
新增個別作答回饋						
▼ What can people do in the Hong Kong Science I	Museum? * 1 /1					
Watch the birds.						
Go on the exciting rides.						





## Game-based eAssessment Tool:



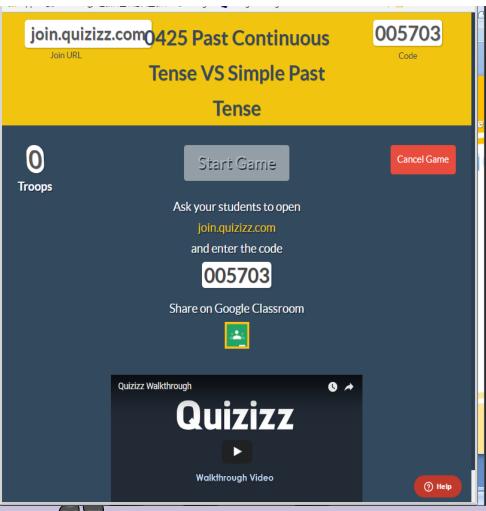


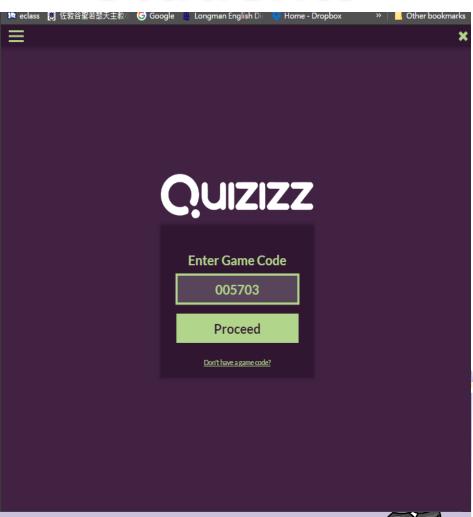




#### Teacher

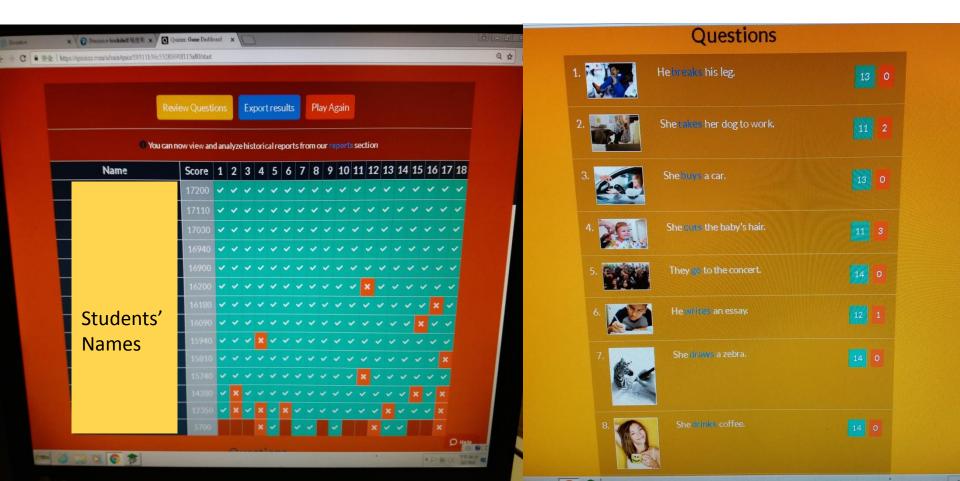
#### Students





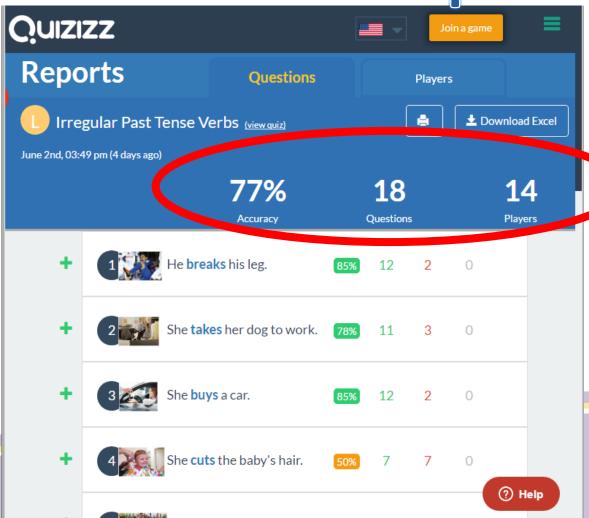


#### Teacher's Account





Teacher's Report

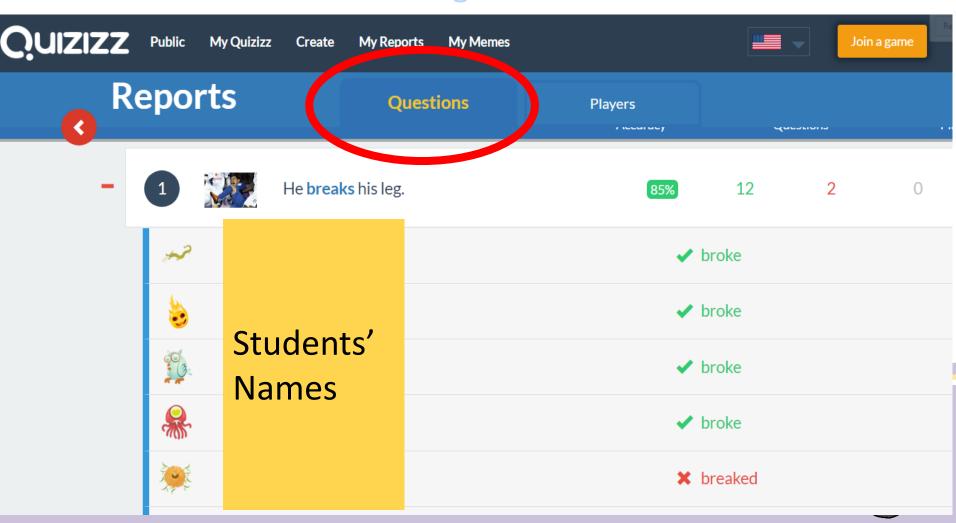






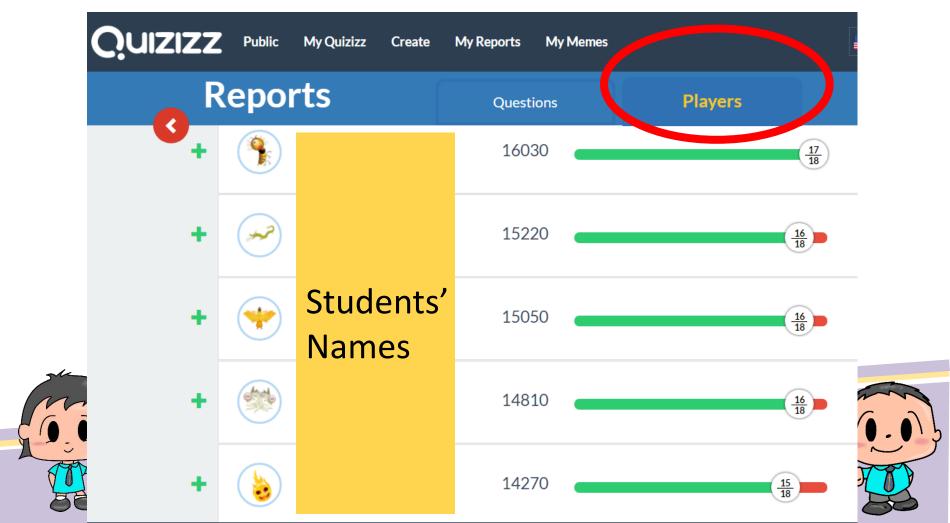


#### Students' performance



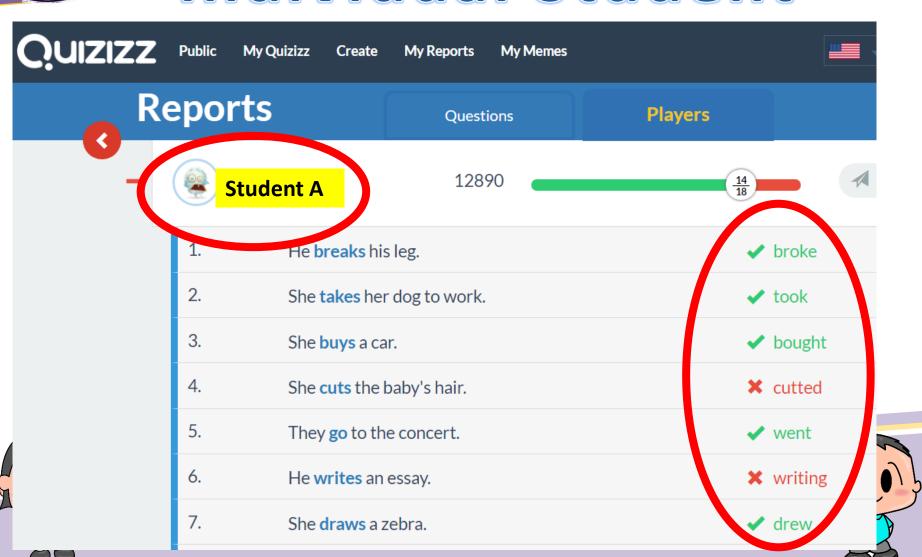


Students' performance





#### Jordan Valley St. Joseph's Catholic Primary School dividual Student





#### eAssessment Tool:











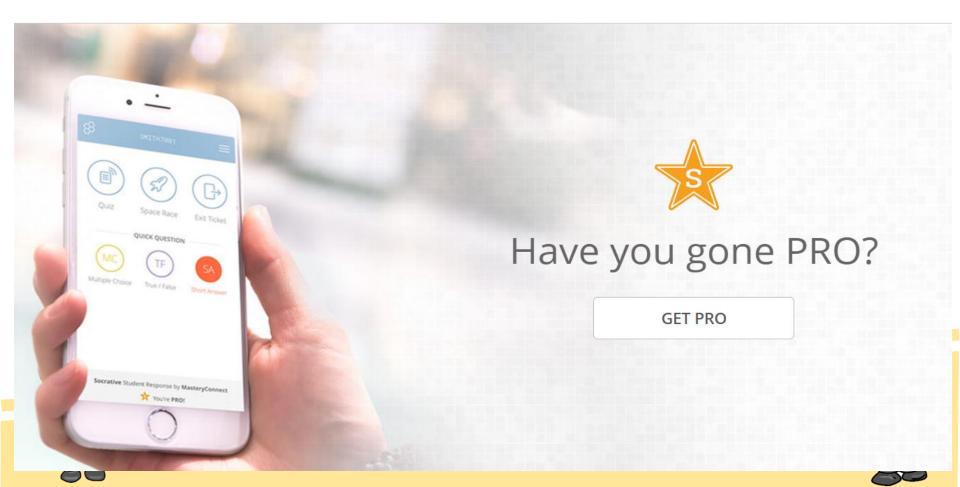
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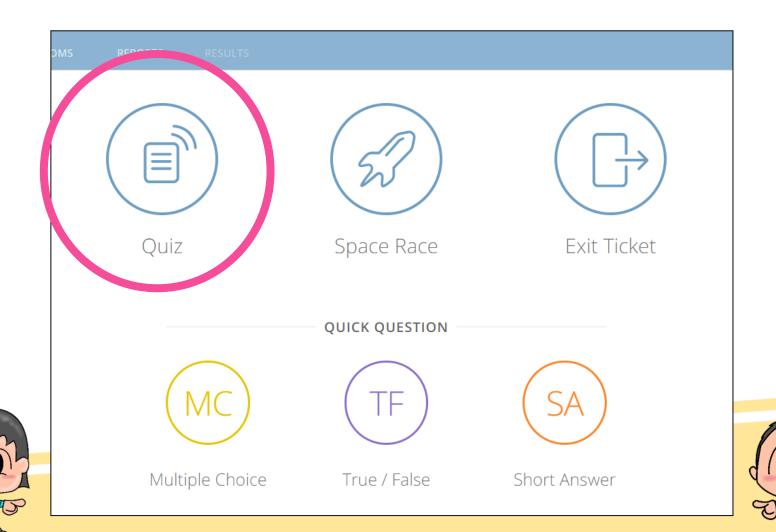
#### Question Types:

- Multiple choice
- True or False
- Short answer

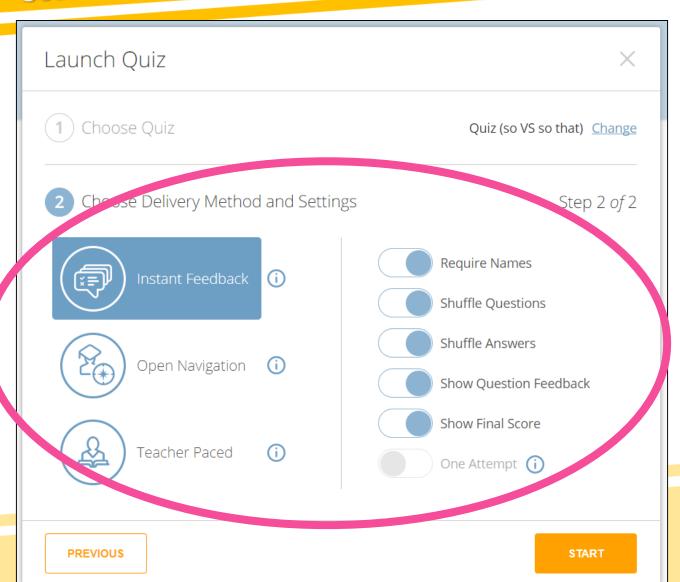












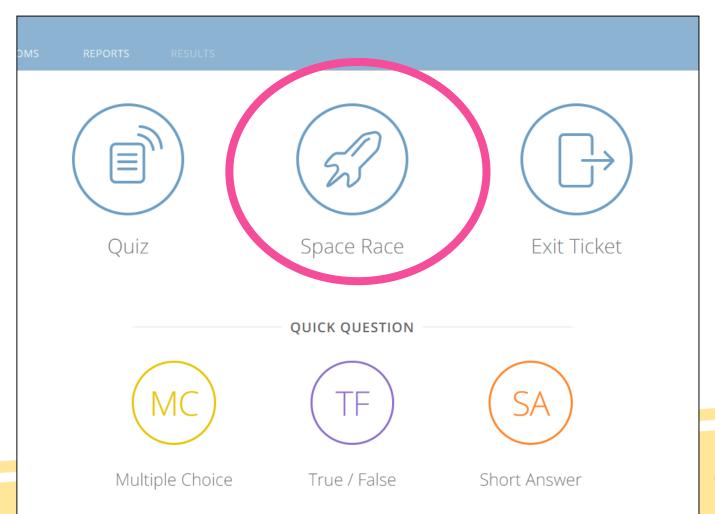




Name ↑	Score (%) ▼	1	2	3	4	5	6	7
****	57%	D	D	was runn	were sin	came	was doin	stoping
****	100%	В	D	was runn	was sing	came	was doin	stopped
****	86%	В	D	was runn	was sing	came	was doin	stoped
****	100%	В	D	was runn	was sing	came	was doin	stopped
****	86%	В	D	was runn	was sing	came	was doin	stoped
****	86%	В	D	was runn	singing	came	was doin	stopped
****	100%	В	D	was runn	was sing	came	was doin	stopped
****	100%	В	D	was runn	was sing	came	was doin	stopped
****	86%	В	D	running	was sing	came	was doin	stopped
****	100%	В	D	was runn	was sing	came	was doin	stopped
****	71%	В	D	was runn	was sing	came	was did,	stoped
****	100%	В	D	was runn	was sing	came	was doin	stopped
****	100%	В	D	was runn	was sing	came	was doin	stopped
****	71%	В	D	was runn	was sing	came	Was uo	stan
Class Total		93%	100%	93%	86%	100%	86%	64%

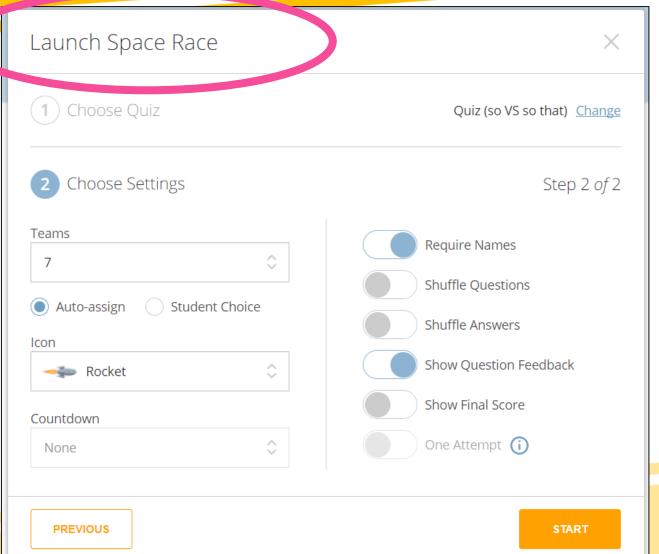






















#### Socrative Free

**Socrative PRO** 

- On-the-fly Questioning
- 1 public room for your classes
- 50 students per session
- Space Race Assessment
- Formative Assessments
- Visualize Real-time Results
- Device Accessibility
- Reporting
- Share with an SOC code
- Help Center Access
- State and Common Core
   Standards

- Everything with Free, plus all the following:
- Up to 10 private or public rooms
- 150 student capacity
- Space Race countdown timer
- Roster Import via CSV or Excel
- Restricted access to rooms with students ID# requirement
- Personalized header for students
- Instant quiz share to colleagues with unique link
- Space Race custom icon upload
- Silent Student Hand Raise
- Shareable links for easy student login
- Searchable quiz community
- Dedicated Help Center & email support











