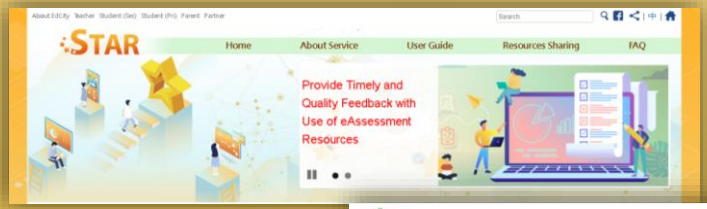
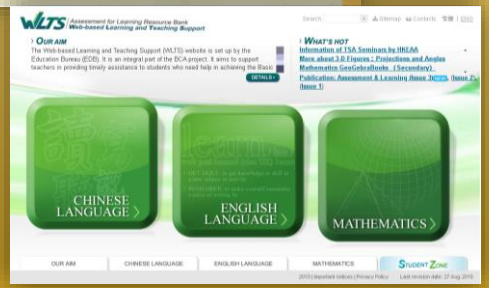
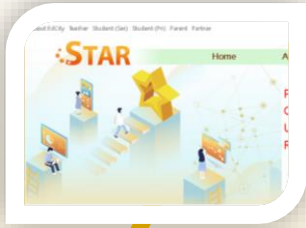
Support Learning, Teaching and Assessment via the Effective Use of the Student Assessment Repository (STAR) and the Web-based Learning and Teaching Support (WLTS) Platforms





Assessment and HKEAA Section
Education Infrastructure Division
Education Bureau

STAR



An additional assessment tool for teachers to collect students' ongoing learning evidence

Computerised marking and instant assessment analysis and reports

Hyperlinked to related learning and teaching activities on **WLTS** for follow-up

Developed by the Education Bureau

Web-based learning, teaching and assessment materials

Multimodal learning and teaching resources for teachers and self-access learning resources for students

Suggested follow-up learning and teaching activities on students' possible learning problems identified on **STAR**

Development of the STAR and WLTS

Launching Student Assessment (SA) and Web-based Learning and Teaching Support (WLTS) by the EDB

Recommendations by the Coordinating Committee on Basic Competency Assessment and Assessment Literacy to extend and enhance the STAR platform:

- **Covering the full curriculum in phases**
- **Offering a wider variety of the question types**
- **Providing qualitative reports on students' performance**

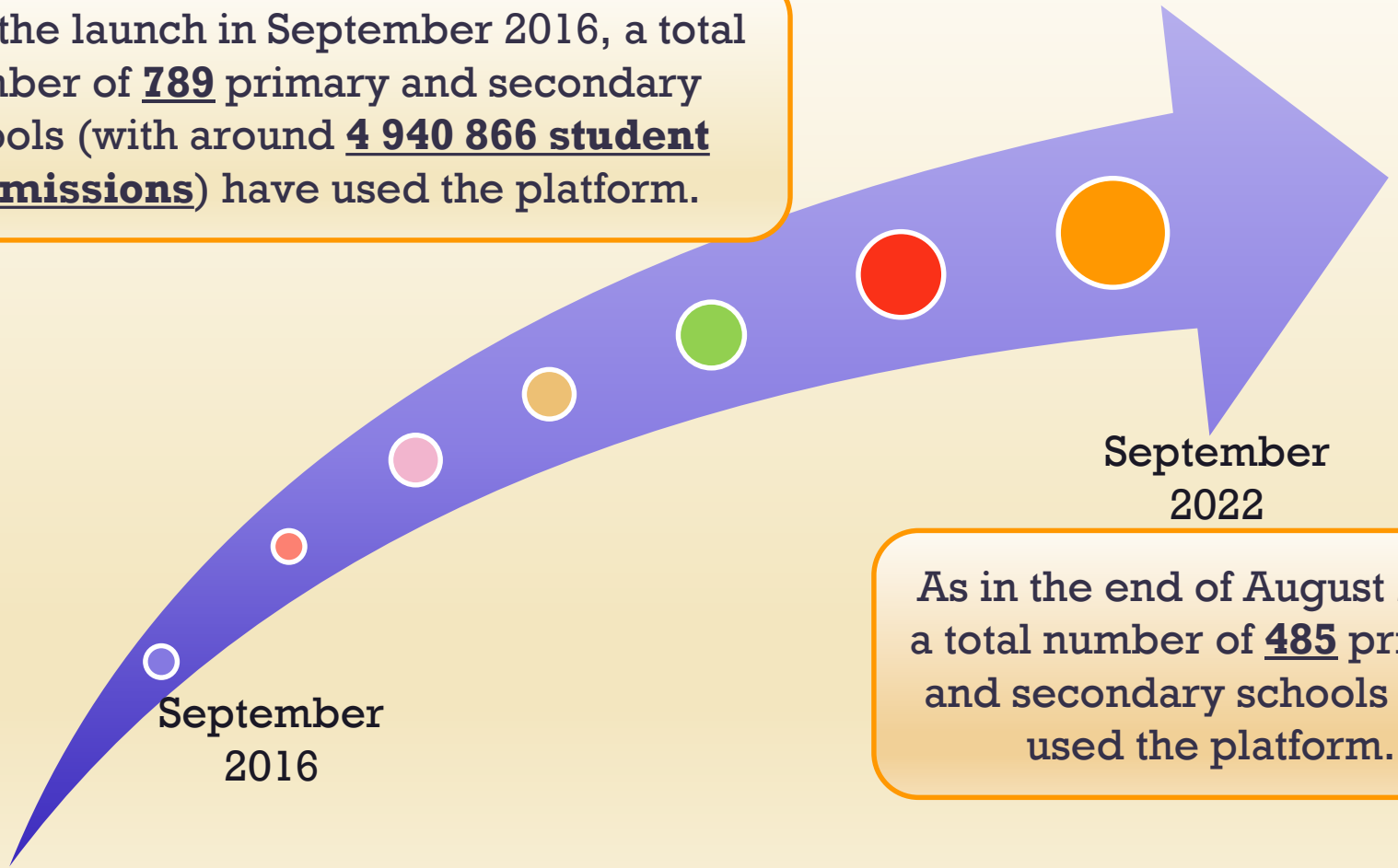
2003 - 2004 | **2016-17** | **2018** | **2020 and onwards**

Upgrading the SA to Student Assessment Repository (STAR) (the current platform hosted by Hong Kong Education City) with assessment items / tasks (pitched at the Basic Competency Levels) developed by the EDB

Further and continuously enhancing the current STAR platform with more enhanced or newly-added functions

The Usage of the STAR Platform

Since the launch in September 2016, a total number of **789** primary and secondary schools (with around **4 940 866 student submissions**) have used the platform.



September 2016

September 2022

As in the end of August 2022, a total number of **485** primary and secondary schools have used the platform.

Features of the STAR Platform

Website: https://star.hkedcity.net/en

QR Code:

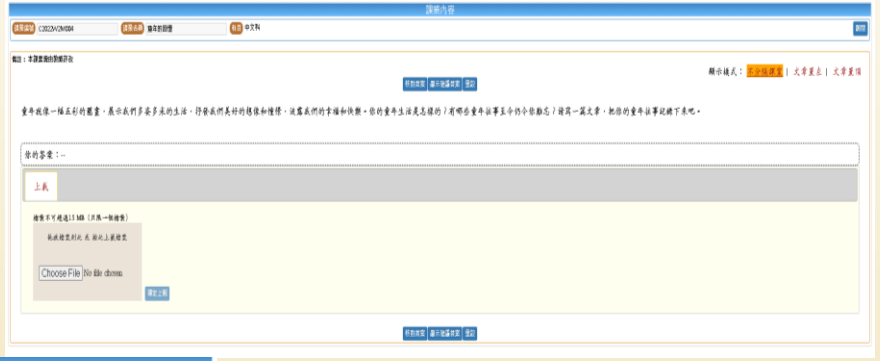
- Online assessment items / tasks developed according to the learning objectives of the full curriculum
- Cater for school-based needs, as well as students' learning progress
- Diversified question types and computer-marked assessment items
- Instant feedback for teachers to understand students' learning situation and review teaching strategies and curriculum planning
- Linked to the interactive learning and teaching resources at the WLTS platform
- Individual students' learning records

Examples of STAR assessment tasks

Chinese Language

Key Stage 1

Key Stage 2

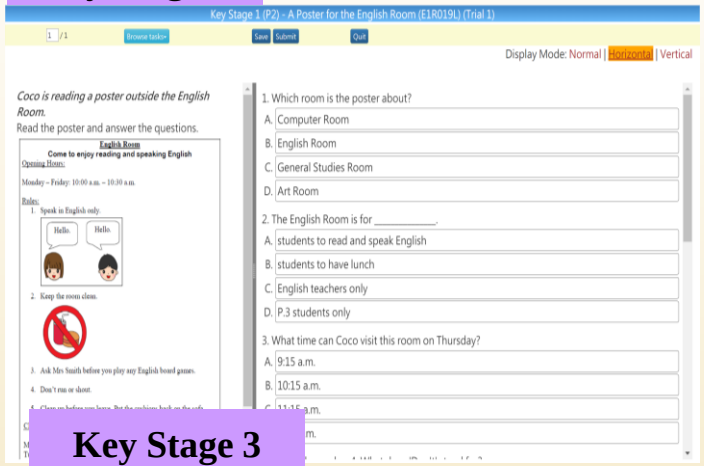


Key Stage 3

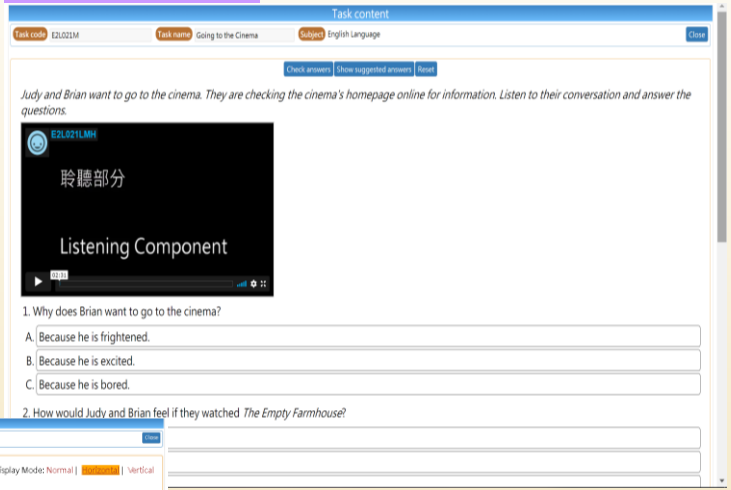
Examples of STAR assessment tasks

English Language

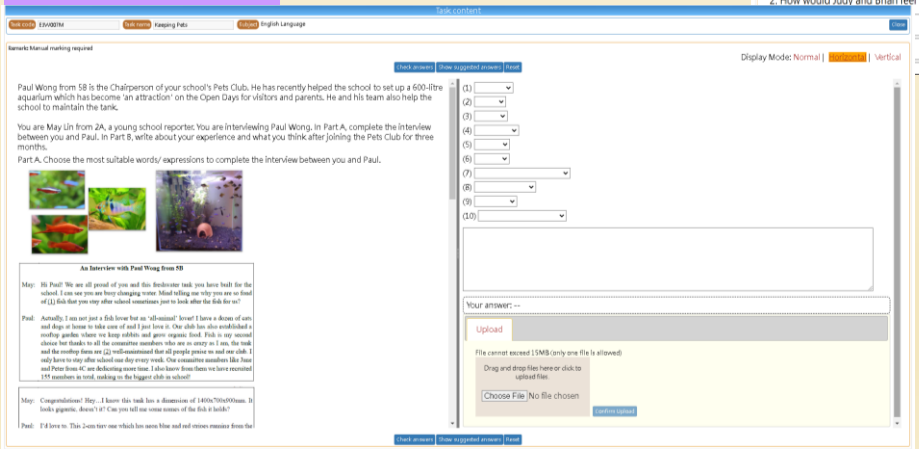
Key Stage 1

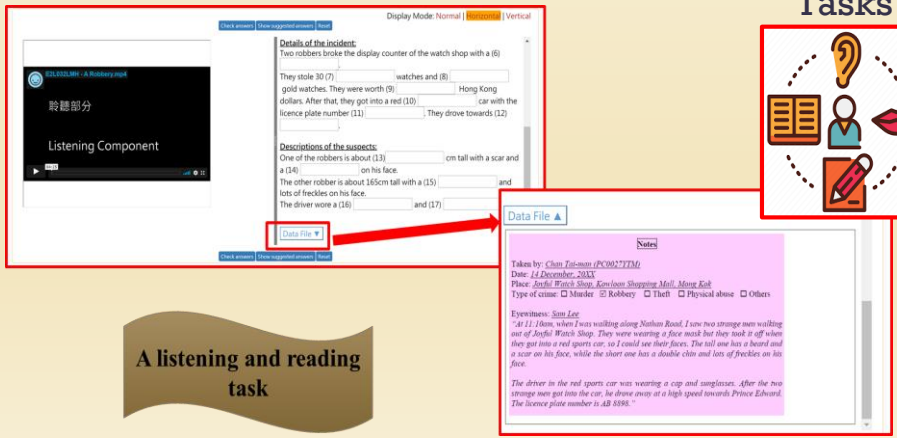


Key Stage 2



Key Stage 3





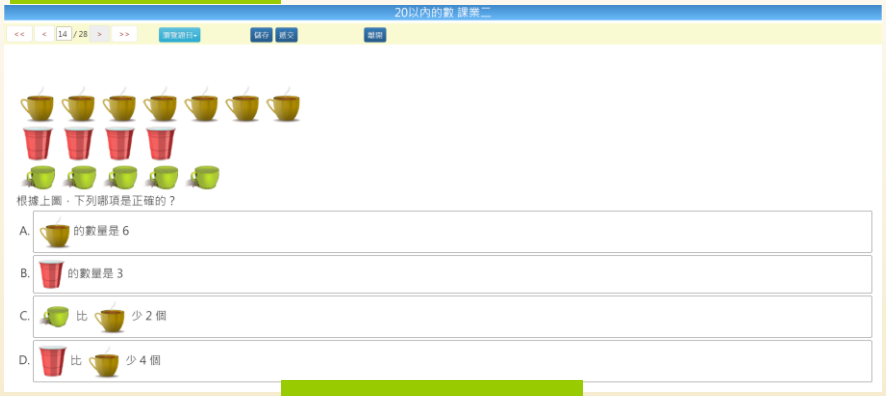
A listening and reading task

Integrated Tasks

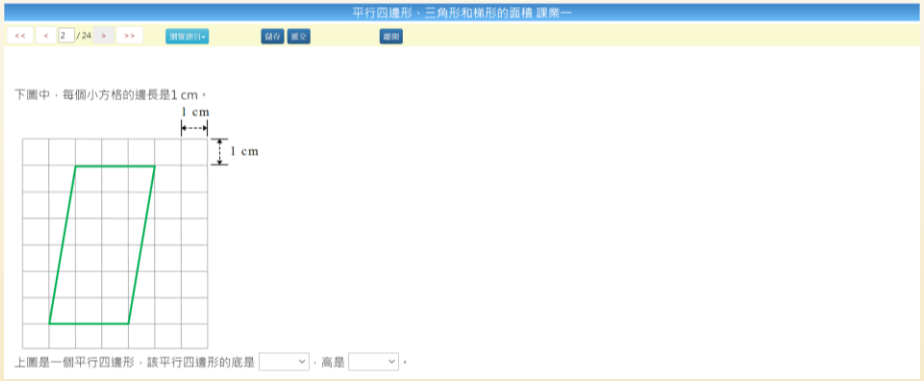
Examples of STAR assessment tasks

Mathematics

Primary 1

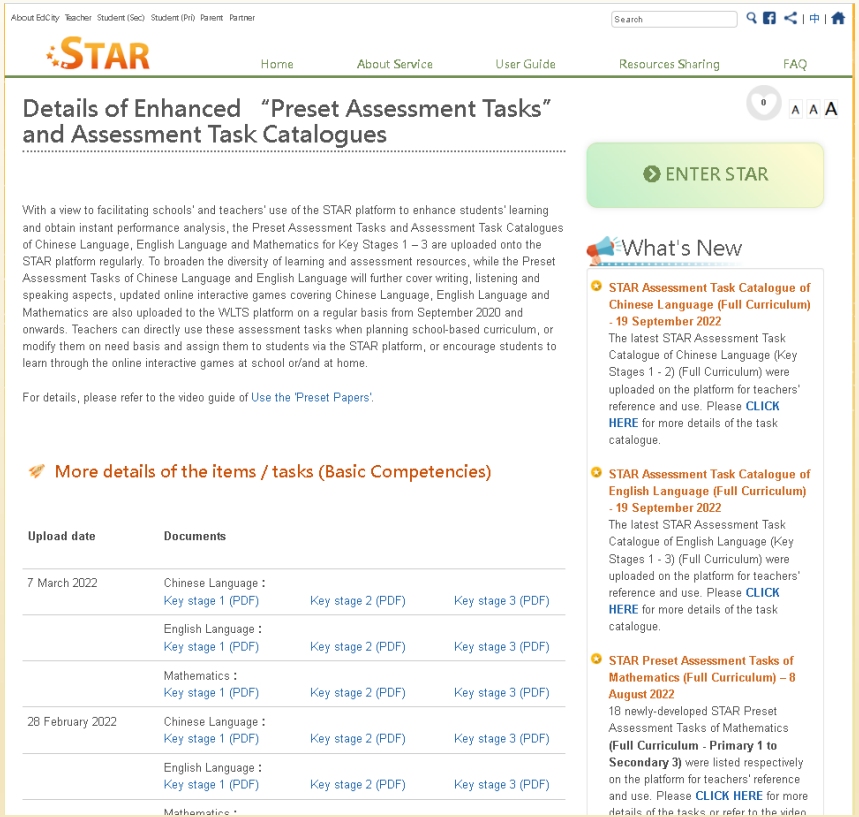


Primary 5



Key Stage 3

Preset Assessment Papers and Task Catalogues



Provision of Preset Papers of Chinese Language, English Language and Mathematics (KS1 – KS3) due to the suspension of face-to-face lessons during the pandemic

Preset Assessment Papers and Task Catalogues

More details of the items / tasks (Full Curriculum)

Upload date	Documents		
19 September 2022	Chinese language (XLSX)	English language (XLSX)	
8 August 2022	Mathematics (PDF)		
28 March 2022	Chinese Language : Key stage 1 (PDF)	Key stage 2 (PDF)	Key stage 3 (PDF)
7 March 2022	English Language (XLSX)		
14 February 2022	Mathematics (PDF)		
11 August 2021	Chinese Language : Key stage 1 (PDF)	Key stage 2 (PDF)	Key stage 3 (PDF)
12 July 2021	English Language (XLSX)		
28 June 2021	Mathematics (PDF)		
21 June 2021	Mathematics (PDF)		
18 January 2021	English Language (XLSX)		
7 January 2021	Chinese Language : Key stage 1 (PDF)	Key stage 2 (PDF)	Key stage 3 (PDF)
7 December 2020	Mathematics (PDF)		
1 December 2020	Mathematics (PDF)		

Assessment Tasks (KS1 and KS2) of Mathematics on the platform for teachers' reference and use. Please **CLICK HERE** for more details of the tasks or refer to the video guide of **Use the 'Preset Papers'**.

Schools are welcome to trial part of the up and coming new functions of STAR 2.2 (Updates on 2 December 2021)

The trial version of part of the new functions of STAR 2.2 has been provided since 2 December 2021. Schools are welcome to trial. Please **CLICK HERE** for details.

學習階段	學習範疇	課業編號	課業名稱	文體	難度
KS1	閱讀	C2020R1L001	小烏龜	散文 - 記敘手法	低
KS1	閱讀	C2020R1L002	我的第一次	散文 - 記敘手法	低
KS1	閱讀	C2020R1L008	小熊的第一次	散文 - 記敘手法	低
KS1	閱讀	C2020R1L009	給生病同學的心意卡	實用文	低
KS1	閱讀	C2020R1L010	搖鳥窩	詩歌 - 新詩	低
KS1	閱讀	C2020R1L011	小貓的魚	散文 - 記敘手法	低
KS1	閱讀	C2021R1L001	大象的鼻子為甚麼		
KS1	閱讀	C2021R1L002	學習須以專注為主		
KS1	閱讀	C2022R1L001	西風的話		
KS1	閱讀	C2022R1L002	四時田園雜興		
KS1	閱讀	C2022R1L003	沒有胡蘆藤的山頭		
KS1	閱讀	C2022R1L004	蚊子		
KS1	閱讀	C2022R1L005	喜鵲媽媽		
KS1	閱讀	C2022R1L006	第一朵雪花		
KS1	閱讀	C2022R1L007	年度大日子		
KS1	閱讀	C2022R1L008	拜年		
KS1	閱讀	C2022R1L009	聰明的公雞		
KS1	閱讀	C2022R1L010	魔法棒		
KS1	閱讀	C2022R1L011	明天再喜		
KS1	閱讀	C2022R1L012	參觀汽水廠		
KS1	閱讀	C2022R1L013	寶鞋子的故事		
KS1	閱讀	C2020R1M003	一個別具意義的遊		
KS1	閱讀	C2020R1M006	荷包蛋		
KS1	閱讀	C2020R1M007	玫瑰的夢童		
KS1	閱讀	C2020R1M013	觀看師生乒乓球比		
KS1	閱讀	C2020R1M015	勞力的毛毛蟲		
KS1	閱讀	C2021R1M003	老鼠告狀		
KS1	閱讀	C2021R1M004	沒有良心的小樹		
KS1	閱讀	C2022R1M001	最小的那片樹葉		
KS1	閱讀	C2022R1M002	敬業給舅父的信		
KS1	閱讀	C2022R1M003	小小願望能實現		
KS1	閱讀	C2022R1M004	真正的好朋友		
KS1	閱讀	C2022R1M005	委屈蟹找新家		
KS1	閱讀	C2022R1M006	骯髒的「絕活」		
KS1	閱讀	C2022R1M007	發現微生物的人		
KS1	閱讀	C2022R1M008	不實馬的人		
KS1	閱讀	C2022R1M009	參「軍」記		
KS1	閱讀	C2022R1M010	特別的擁抱送給		

ChiPCTasks | Sheet1

STAR English Language Assessment Task Catalogue (Reading)_9 Sep 2022

Task ID	Task Name	Text Type	Key Stage	Difficulty
E1R001L	A Letter to Dad	Personal letters	KS1	low
E1R001M	A Letter to Dad	Personal letters	KS1	medium
E1R001H	A Letter to Dad	Personal letters	KS1	high
E1R002L	Dinner Menus	Menus	KS1	low
E1R002M	Dinner Menus	Menus	KS1	medium
E1R002H	Dinner Menus	Menus	KS1	high
E1R003L	Shopping Coupons (November 2021)	Coupons	KS1	low
E1R003M	Shopping Coupons	Coupons	KS1	medium
E1R003H	Shopping Coupons	Coupons	KS1	high
E1R004L	Party Food	Conversations	KS1	low
E1R004M	Party Food	Conversations	KS1	medium
E1R004H	Party Food	Conversations	KS1	high
E1R005L	Ben and his Pet	Diaries	KS1	low
E1R005M	Ben and his Pet	Diaries	KS1	medium
E1R005H	Ben and his Pet	Diaries	KS1	high
E1R006L	A Poem about my Favourite Food	Poems	KS1	low
E1R006M	A Poem about my Favourite Food	Poems	KS1	medium
E1R006H	A Poem about my Favourite Food	Poems	KS1	high
E1R007L	Christmas Shopping	Conversations	KS1	low
E1R007M	Christmas Shopping	Conversations	KS1	medium
E1R007H	Christmas Shopping (July 2022)	Conversations	KS1	high
E1R008L	A F			
E1R008M	A F			
E1R008H	A F			
E1R009L	Tir			
E1R009M	Tir			
E1R009H	Tir			
E1R010L	A F			
E1R010M	A F			
E1R010H	A F			
E1R011L	Ric			
E1R011M	Ric			
E1R011H	Ric			
E1R012L	A F			
E1R012M	Po			
E1R012H	Po			

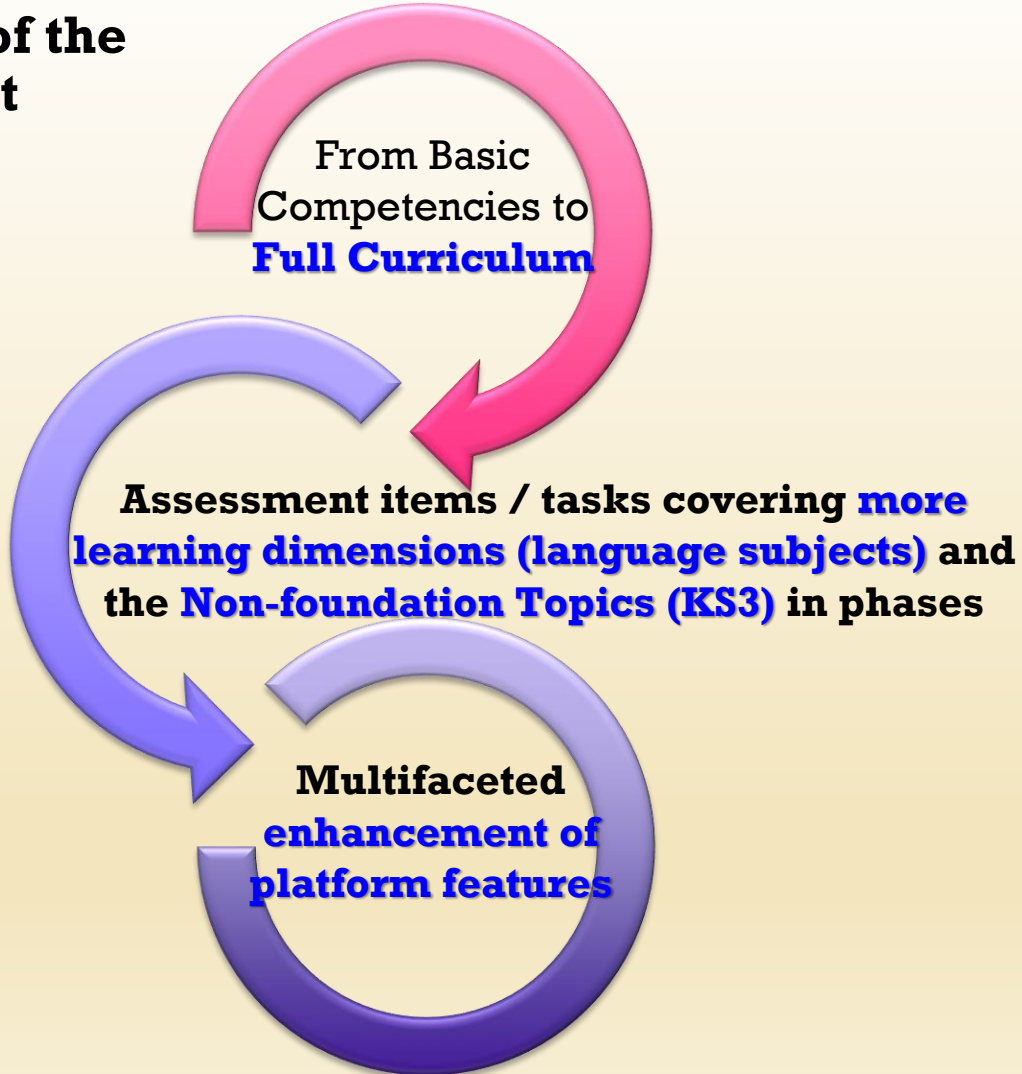
STAR 數學預設課業 Mathematics Preset Tasks (8/8/2022)

課業名稱 Task Name	題目數量 Number of Items	所需時間 Duration
小一：立體圖形(一)及平面圖形（整體課程）	18	15
小二：立體圖形(二)及方向和位置(二)（整體課程）	16	13
小三：四邊形(二)（整體課程）	15	15
小四：周界（一）（整體課程）	12	12
小五：圓（整體課程）	15	16
小六：折線圖（整體課程）	12	15
第三學習階段(中一至中三)：角和平行線（整體課程）	15	15
第三學習階段(中一至中三)：畢氏定理（整體課程）	14	15
第三學習階段(中一至中三)：概率（整體課程）	20	21
P1: 3-D shapes (I) and 2-D shapes (Full Curriculum)	18	15
P2: 3-D shapes (II) and Directions and positions (II) (Full Curriculum)	16	13
P3: Quadrilaterals (II) (Full Curriculum)	15	15
P4: Perimeter (I) (Full Curriculum)	12	12
P5: Circles (Full Curriculum)	15	16
P6: Broken line graphs (Full Curriculum)	12	15
Key Stage 3 (S1 to S3): Angles and parallel lines (Full Curriculum)	15	15
Key Stage 3 (S1 to S3): Pythagoras' theorem (Full Curriculum)	14	15
Key Stage 3 (S1-S3): Probability (Full Curriculum)	20	21

Provision of Task Catalogues of Chinese Language, English Language and Mathematics (KS1 – KS3) on a regular basis

Ongoing Enhancements of the STAR Platform

Major elements of the enhancement



Enhancement of STAR platform features

Various display modes for assessment tasks

Open-ended questions with assessment rubrics and teachers' comments

Statistical and graphical representations of assessment data

Centralised broadcast of audio recordings

Recording or uploading audio files for speaking tasks

Uploading text files or images for writing tasks

Overall correct response rate of a specific period

Inputting multiple answers without disclosing any hints*

Converting the inputted texts as a text file and upload as an attachment (writing tasks)*

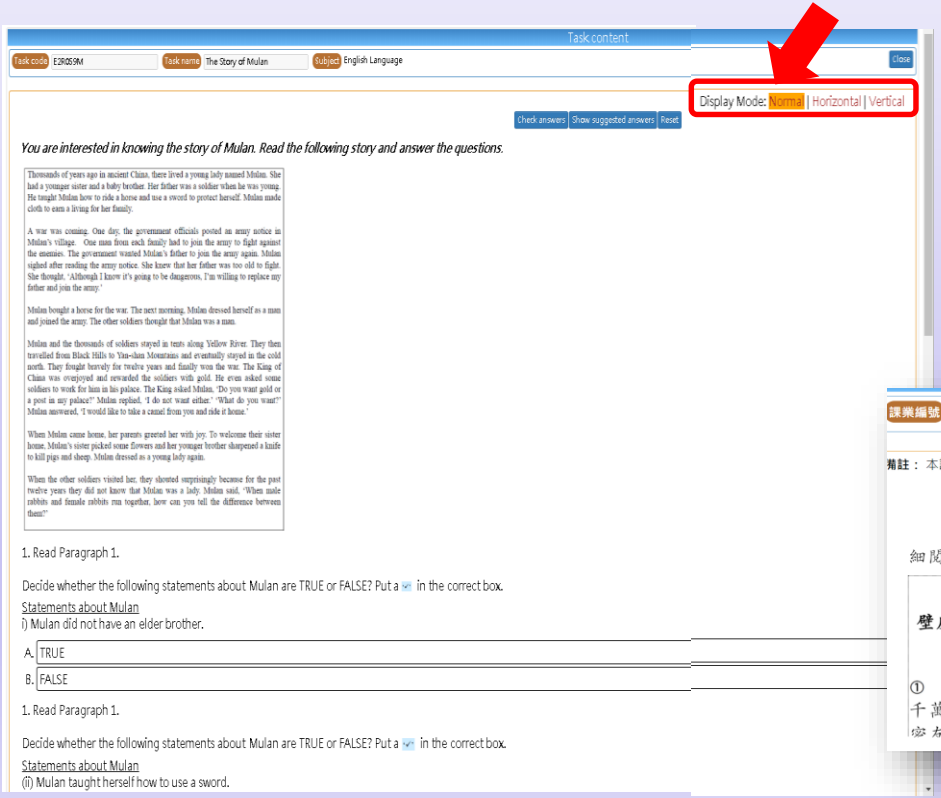
A newly added question type: colouring*

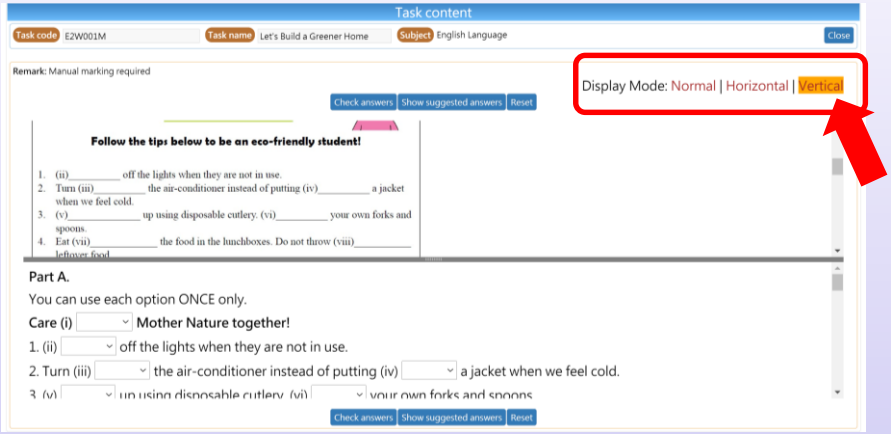
Newly added types of reports*

** The latest round of enhanced features will be available from Q4 2022 to Q2 2023.*

Enhancement of STAR platform features

Various display modes for assessment tasks

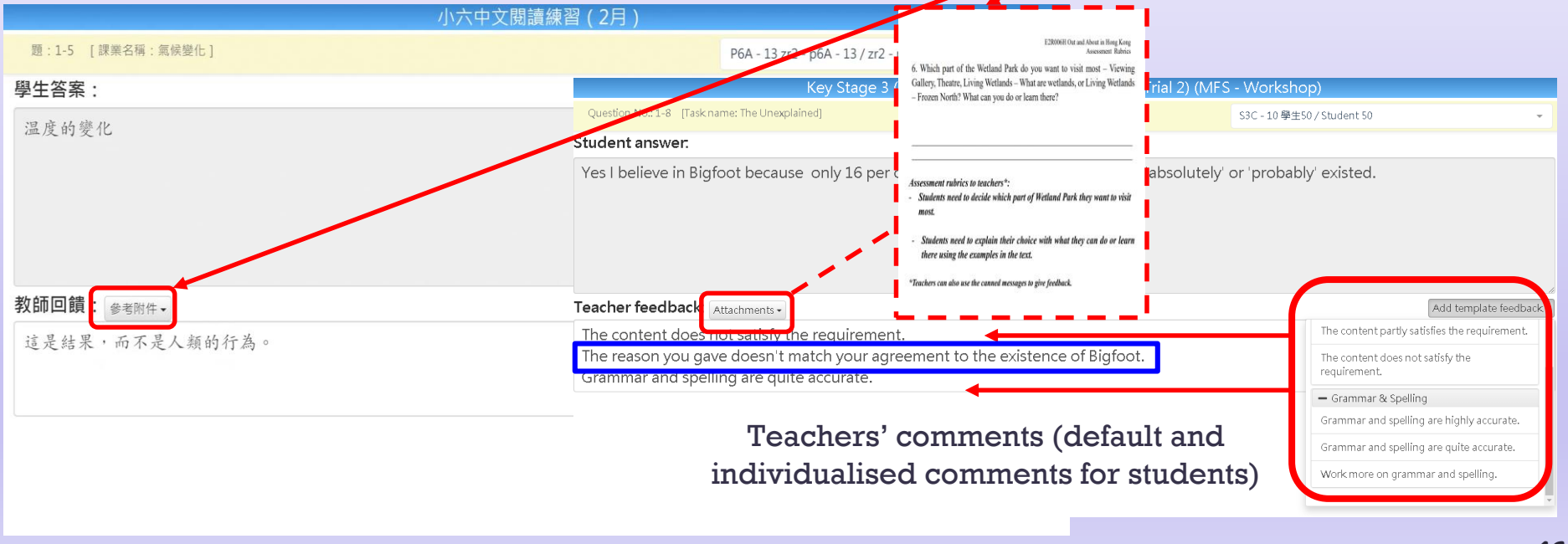




Enhancement of STAR platform features

Open-ended questions with assessment rubrics and teachers' comments (1)

Assessment rubrics



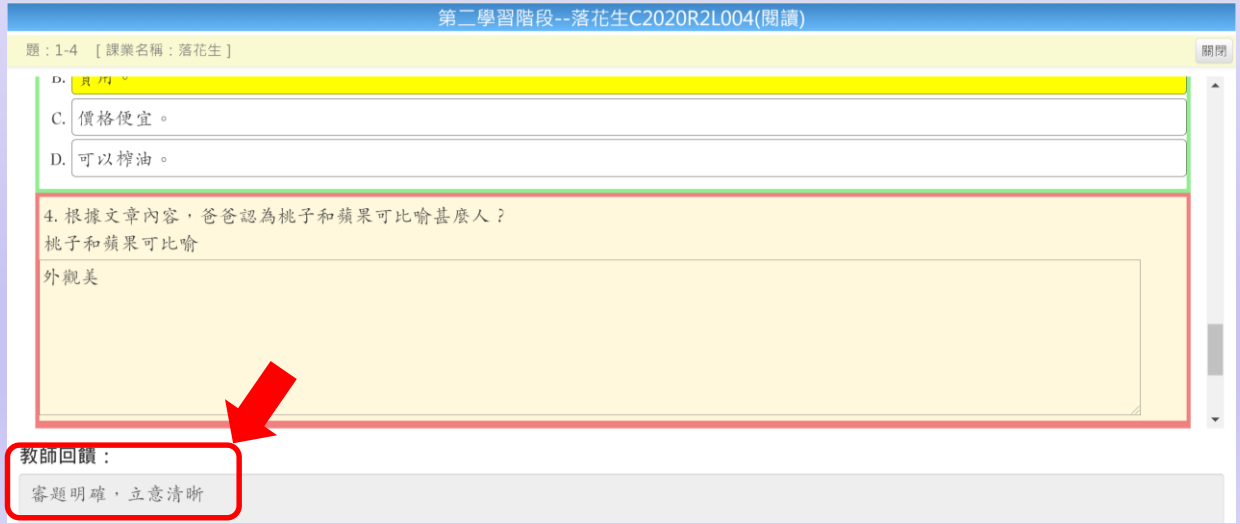
Teachers' comments (default and individualised comments for students)

Enhancement of STAR platform features

Open-ended questions with assessment rubrics and teachers' comments (2):
Default ratings with reference to assessment rubrics
(applicable to Chinese Language)

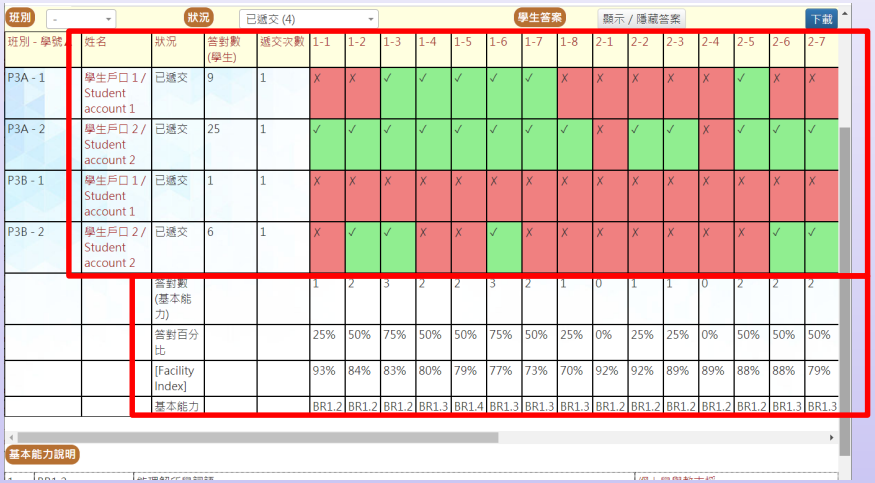
Enhancement of STAR platform features

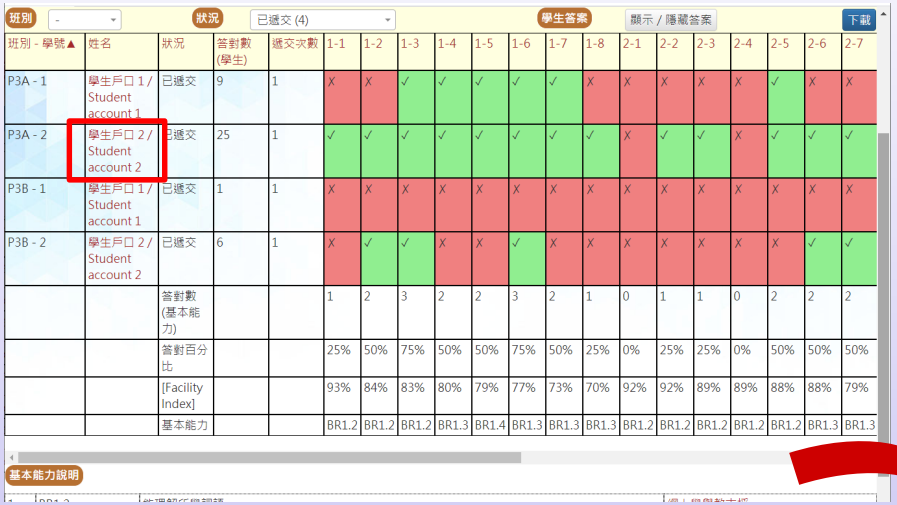
Open-ended questions with assessment rubrics and teachers' comments (3):
Students can click the question number to view teachers' comments

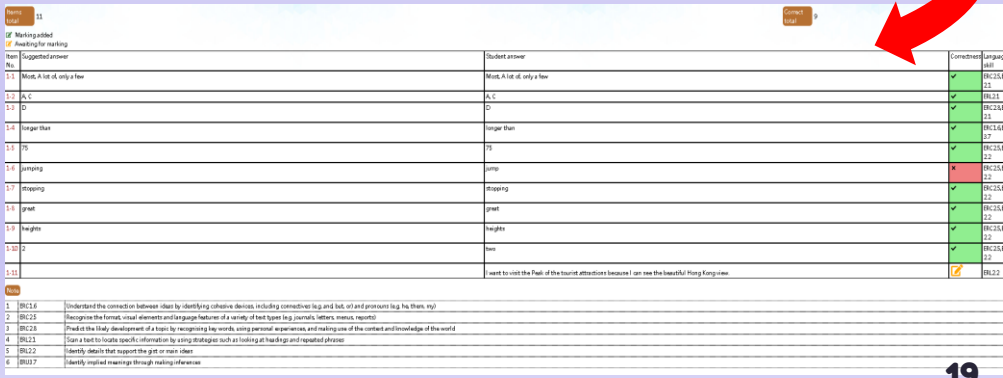


Enhancement of STAR platform features

Statistical and graphical representations of assessment data (1)
(teacher interface)



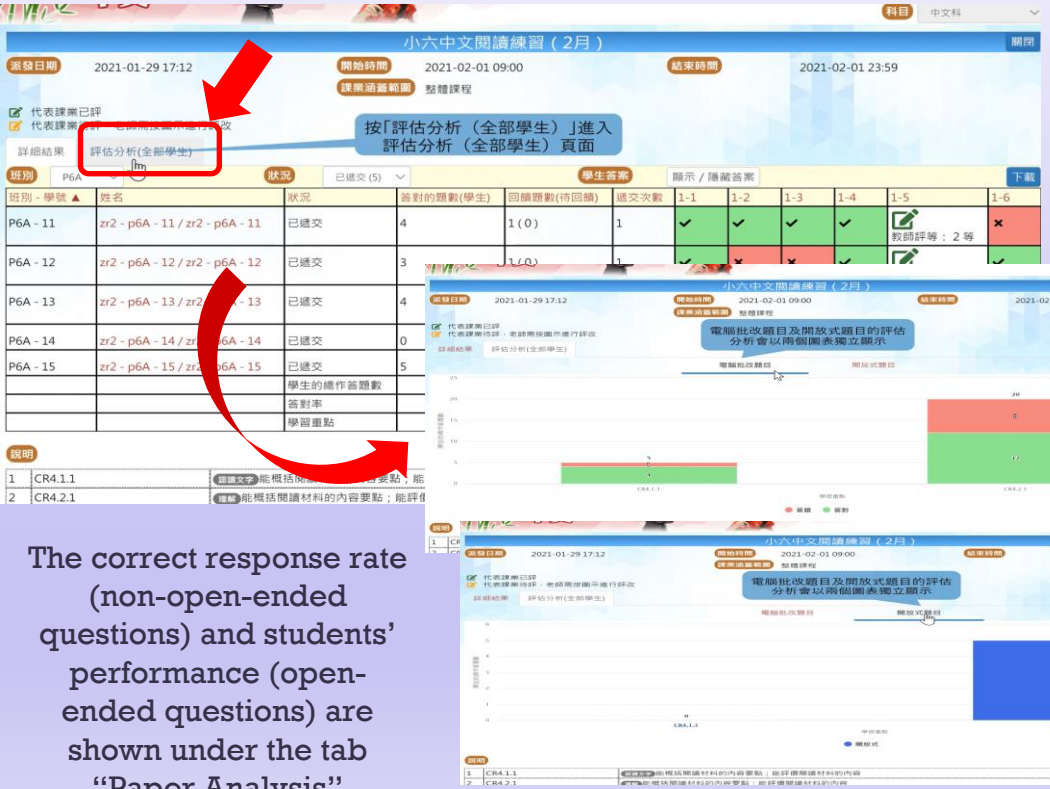




Class Report and Individual Report for teachers

Enhancement of STAR platform features

Statistical and graphical representations of assessment data (2)
(teacher interface)



The correct response rate (non-open-ended questions) and students' performance (open-ended questions) are shown under the tab "Paper Analysis"

Teachers can click the question number to view the answer analysis (e.g. pie charts for MC questions, percentage of student answers for blank-filling questions)

Enhancement of STAR platform features

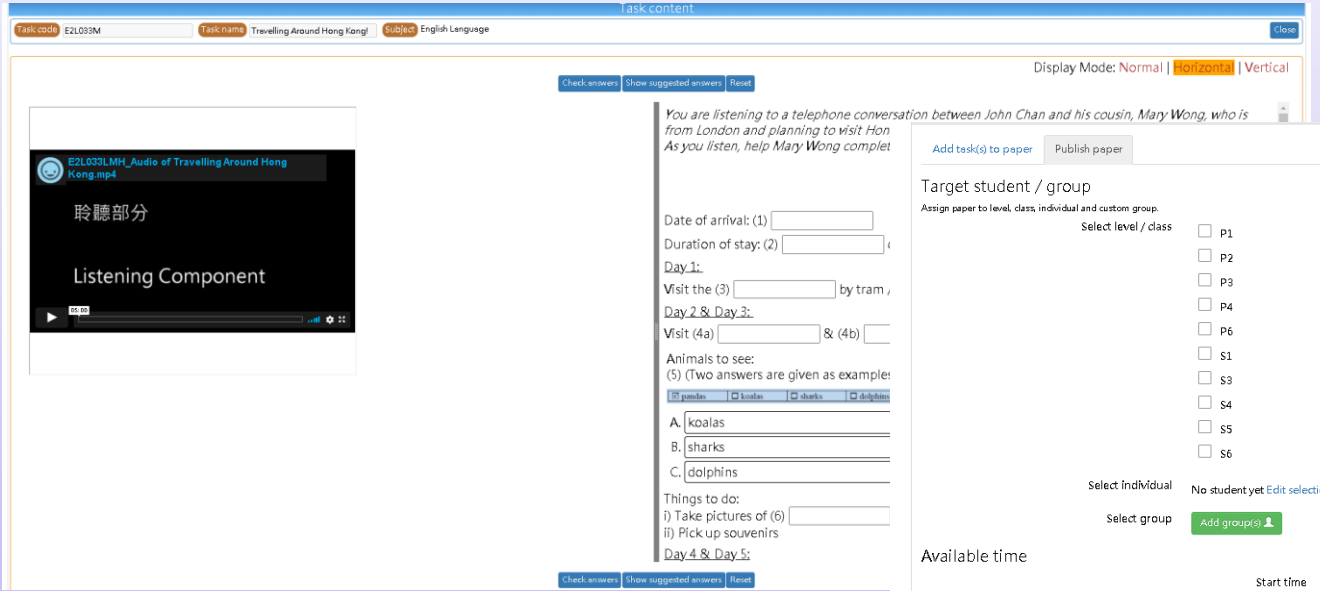
Statistical and graphical representations of assessment data (3) (student interface)

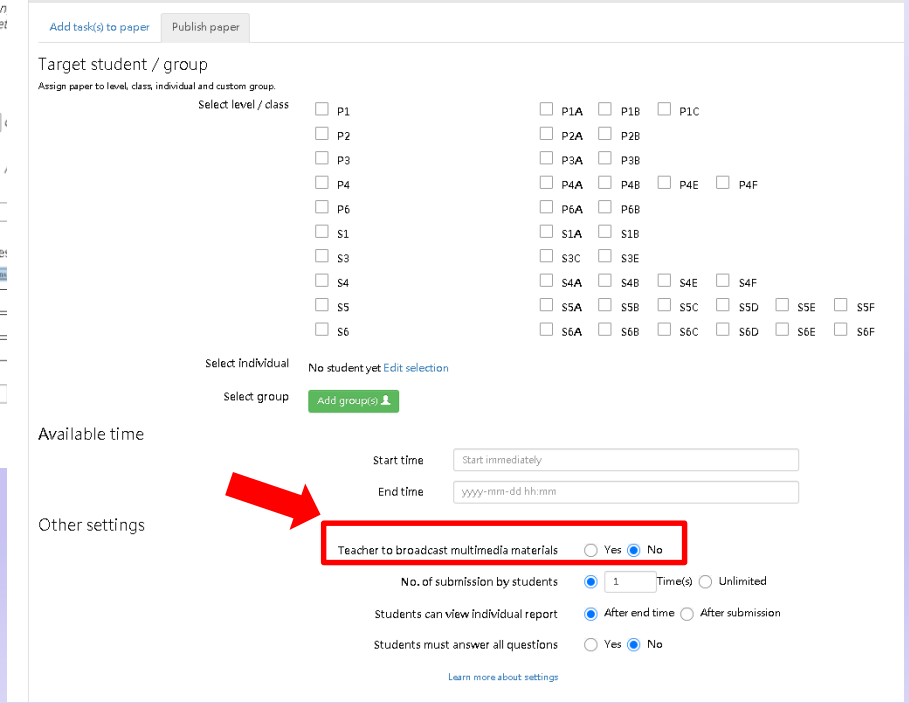
Summary of students' performance (both non-open-ended and open-ended questions)

The correct response rate (non-open-ended questions) and students' performance (open-ended questions) are shown under the tab "Paper Analysis"

Enhancement of STAR platform features

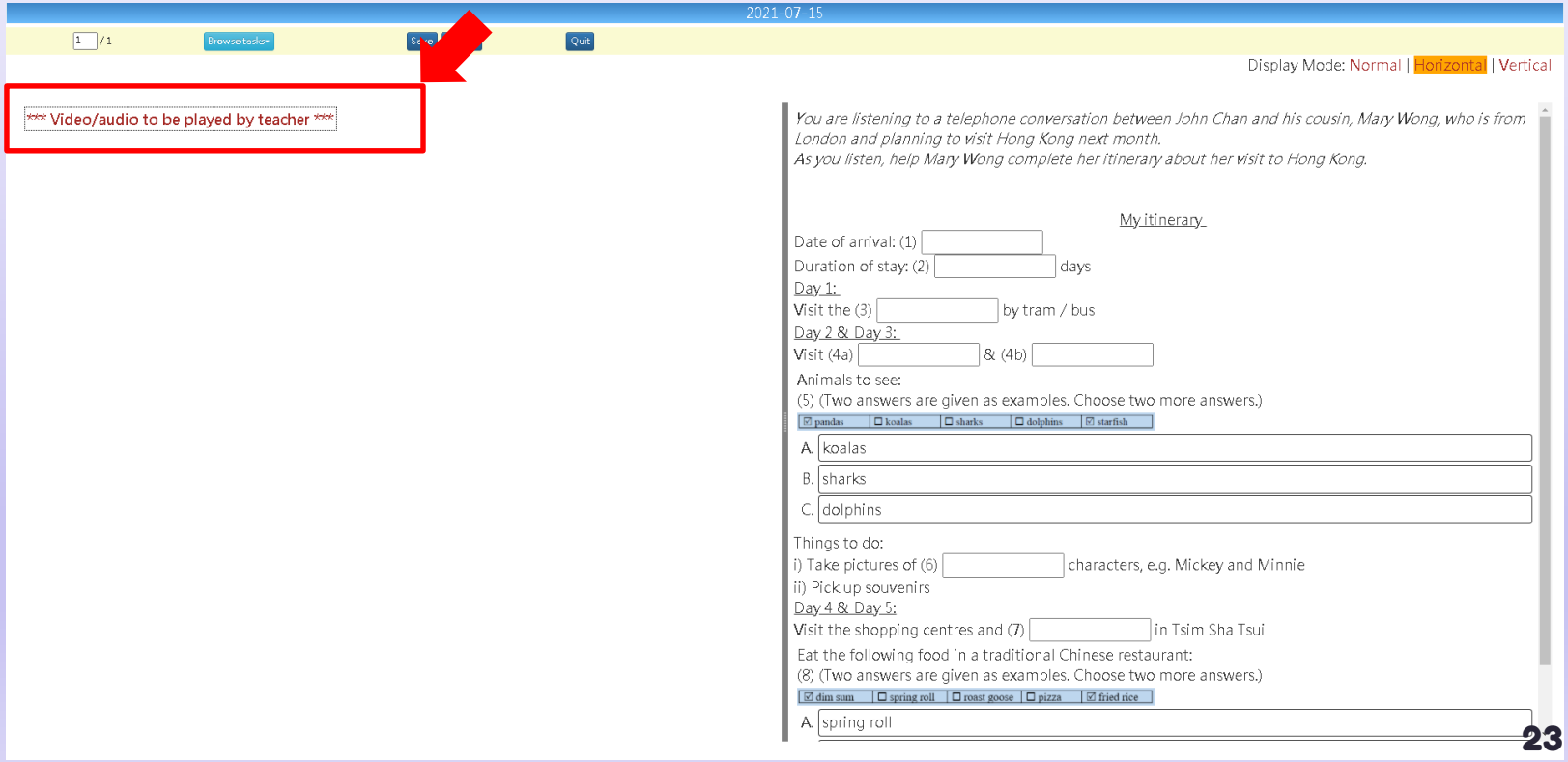
Centralised broadcast of audio recordings (1)
(teacher interface)





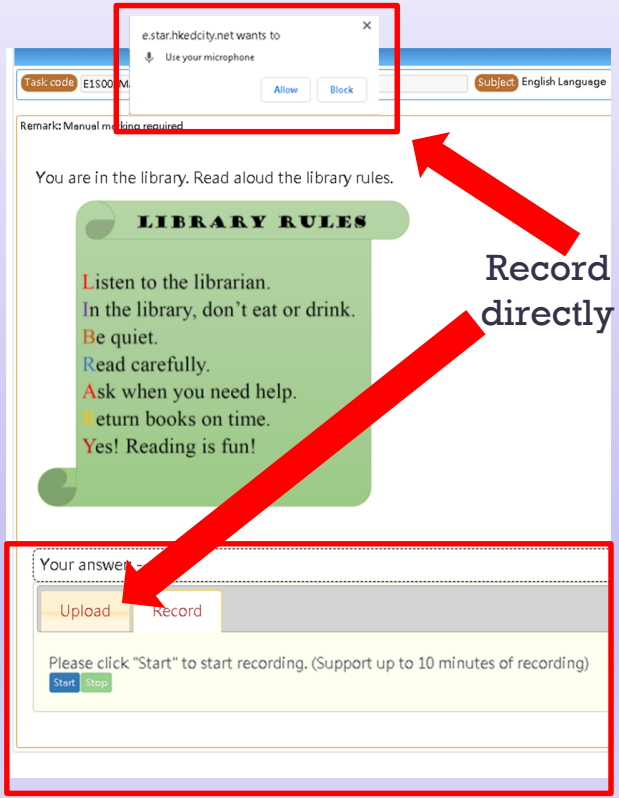
Enhancement of STAR platform features

Centralised broadcast of audio recordings (2)
(student interface)



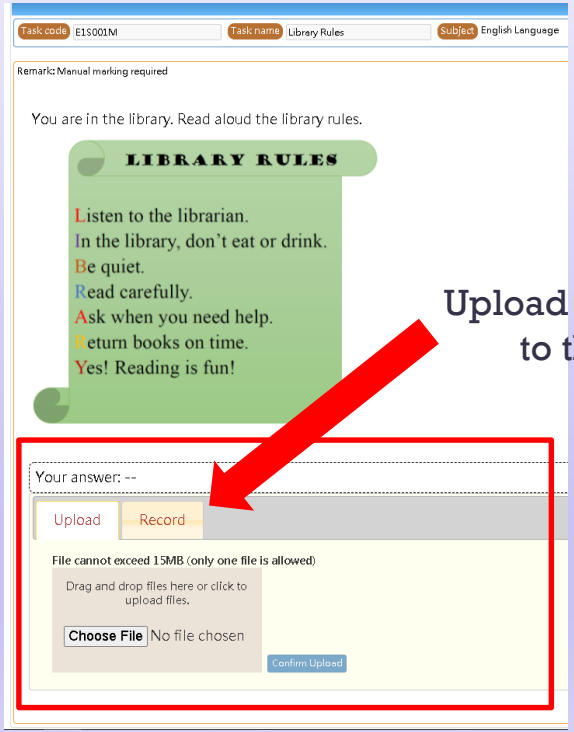
Enhancement of STAR platform features

Recording or uploading audio files for speaking tasks (1)
(student interface)



OR

Record the audio file(s) directly on the platform



Upload the audio file(s) to the platform

Enhancement of STAR platform features

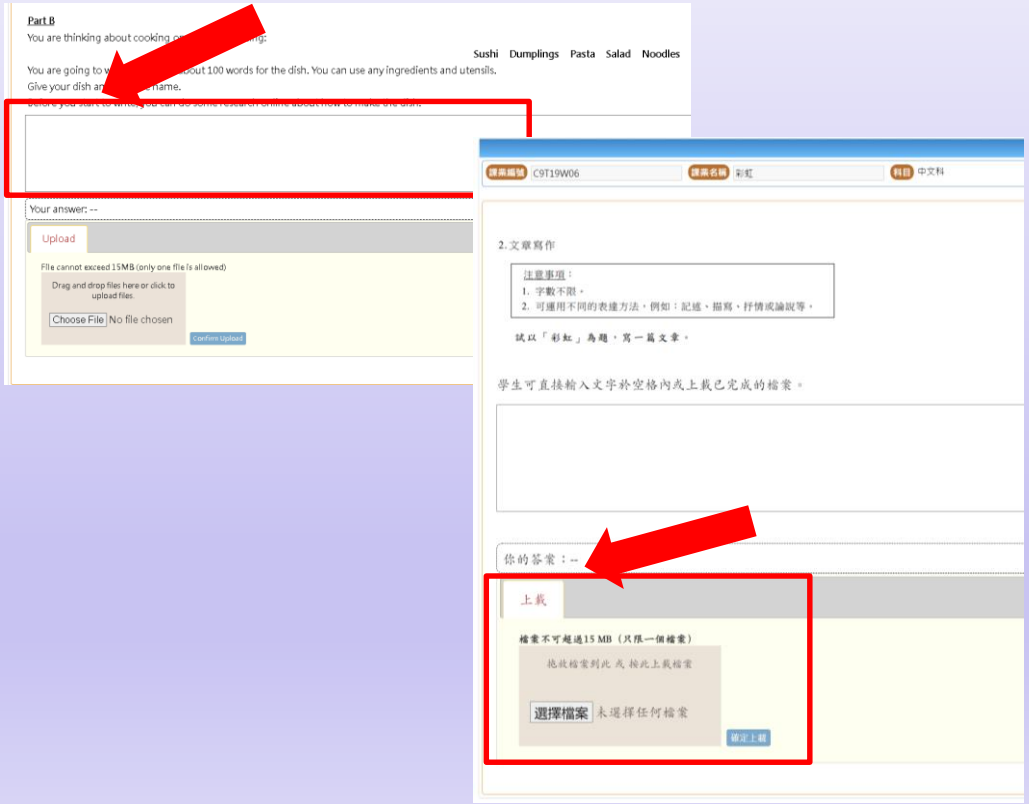
Recording or uploading audio files for speaking tasks (2)

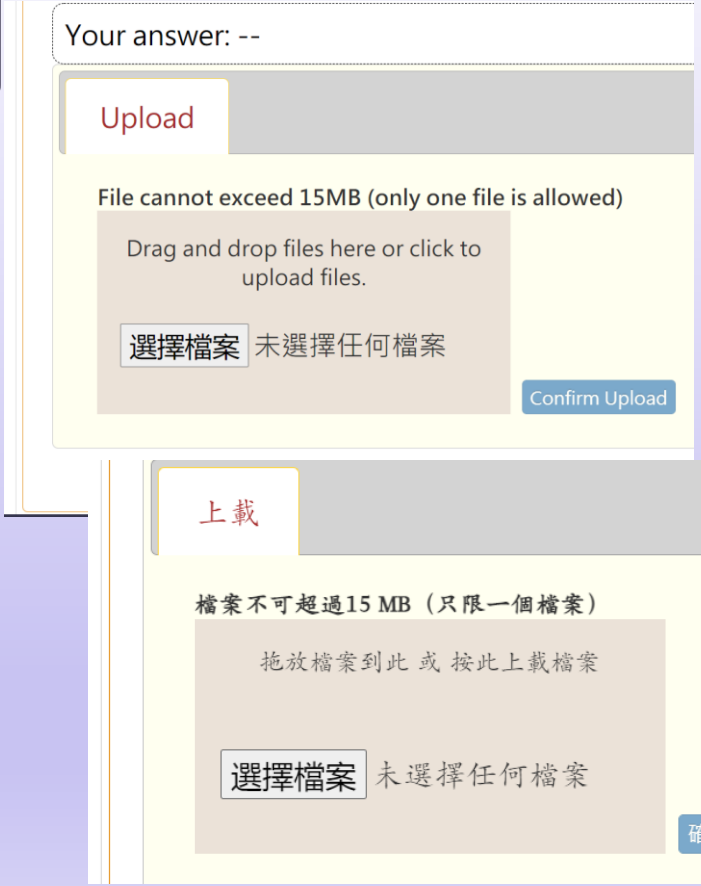
Students can replay / download the audio file(s)

Teachers can download the submitted audio file(s) for marking

Enhancement of STAR platform features

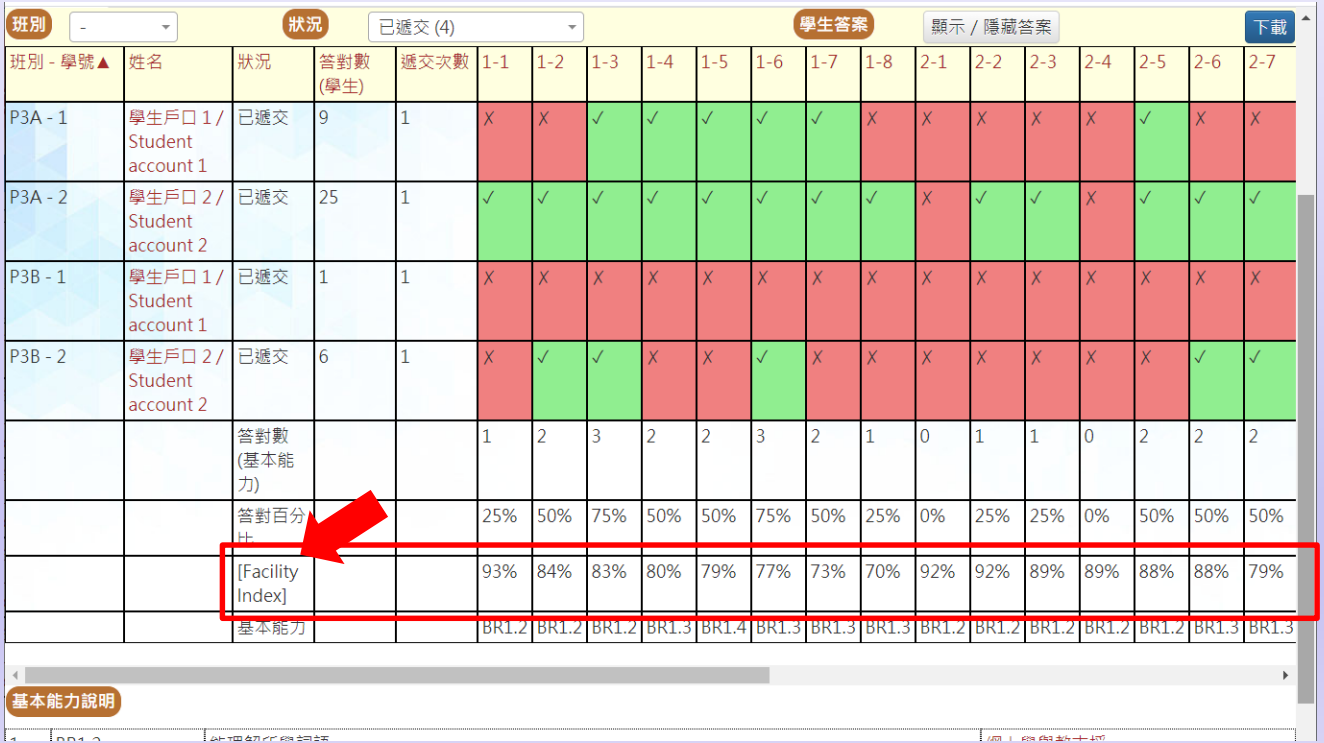
Uploading text files or images for writing tasks
(student interface)





Enhancement of STAR platform features

Overall correct response rate of a specific period

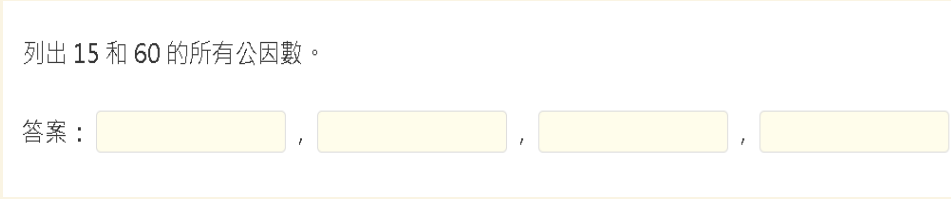


班別 - 學號▲	姓名	狀況	答對數 (學生)	遞交次數	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	2-1	2-2	2-3	2-4	2-5	2-6	2-7
P3A - 1	學生戶口 1 / Student account 1	已遞交	9	1	✗	✗	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✓	✗	✗
P3A - 2	學生戶口 2 / Student account 2	已遞交	25	1	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✓	✓	✓
P3B - 1	學生戶口 1 / Student account 1	已遞交	1	1	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
P3B - 2	學生戶口 2 / Student account 2	已遞交	6	1	✗	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✓	✓
		答對數 (基本能力)			1	2	3	2	2	3	2	1	0	1	1	0	2	2	2
		答對百分比			25%	50%	75%	50%	50%	75%	50%	25%	0%	25%	25%	0%	50%	50%	50%
		[Facility Index]			93%	84%	83%	80%	79%	77%	73%	70%	92%	92%	89%	89%	88%	88%	79%
		基本能力			BR1.2	BR1.2	BR1.2	BR1.3	BR1.4	BR1.3	BR1.3	BR1.3	BR1.2	BR1.2	BR1.2	BR1.2	BR1.2	BR1.3	BR1.3

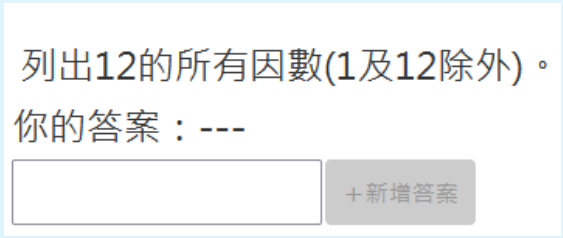
Enhancement of STAR platform features

Inputting multiple answers without disclosing any hints (1)
(student interface)

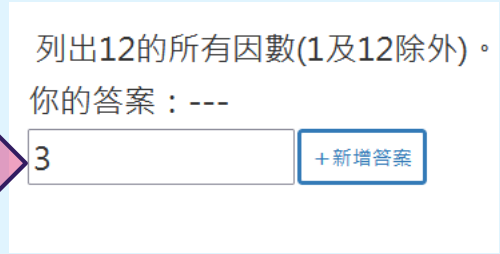
Exiting question design:

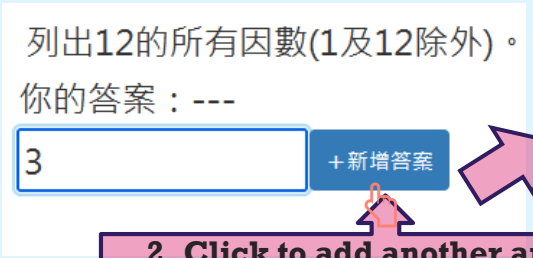


Enhanced question design:

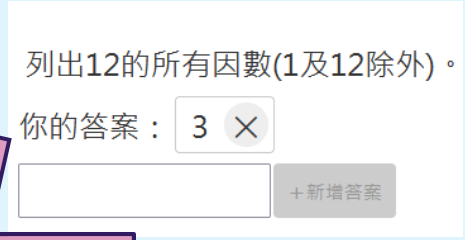


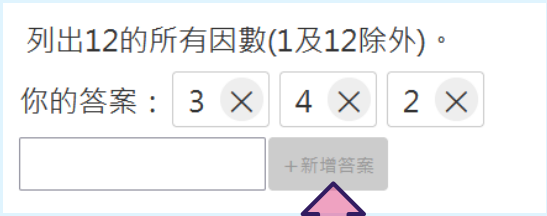
1. Input the first answer in the answer box





2. Click to add another answer box for inputting answer





3. Repeat steps 1 and 2 to add other answers

The latest round of enhanced features will be available from Q4 2022 to Q2 2023.

Enhancement of STAR platform features

Inputting multiple answers without disclosing any hints (2)
(student interface)

列出12的所有因數(1及12除外)。

你的答案： 2 × 4 × 6 × 3 ×

列出12的所有因數(1及12除外)。

你的答案： 3 × 4 × 2 ×

答案
2,3,4,6

The latest round of enhanced features will be available from Q4 2022 to Q2 2023.

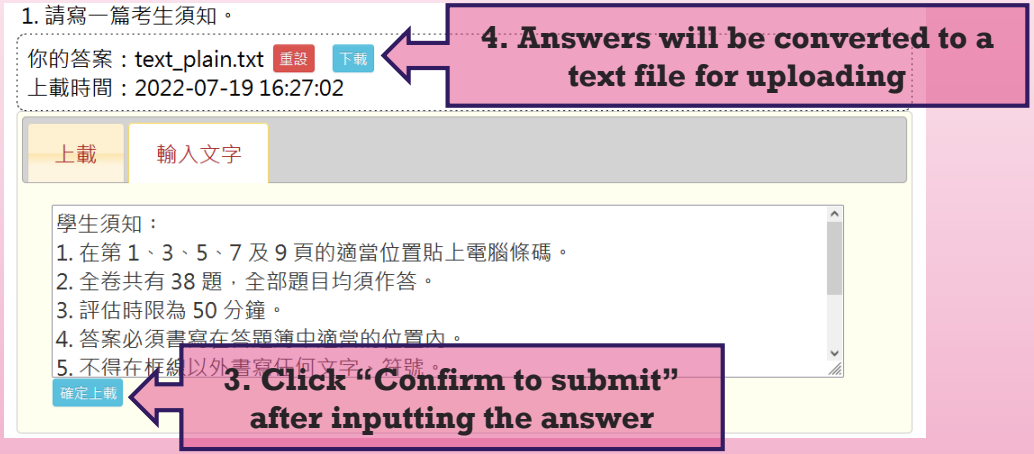
Enhancement of STAR platform features

Converting the inputted texts as a text file and upload as an attachment (writing tasks) (1)

The latest round of enhanced features will be available from Q4 2022 to Q2 2023.

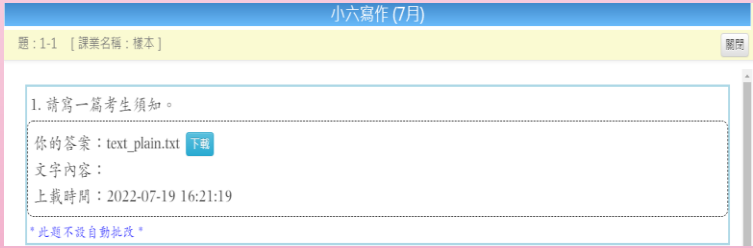
Enhancement of STAR platform features

Converting the inputted texts as a text file and upload as an attachment (writing tasks) (2)



5. Submitted answers

Student interface

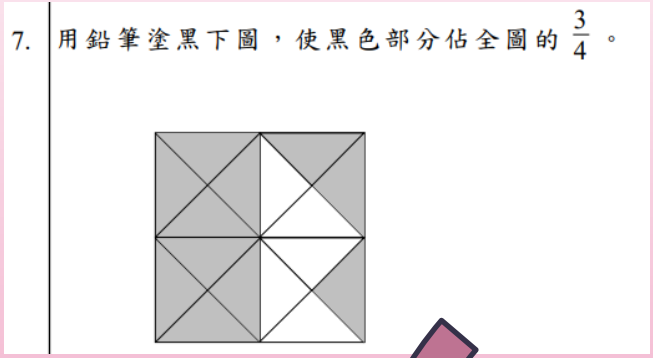


Teacher interface

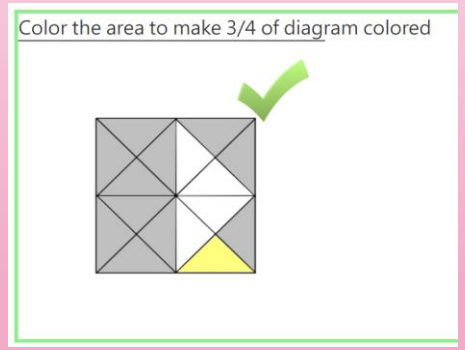
The latest round of enhanced features will be available from Q4 2022 to Q2 2023.

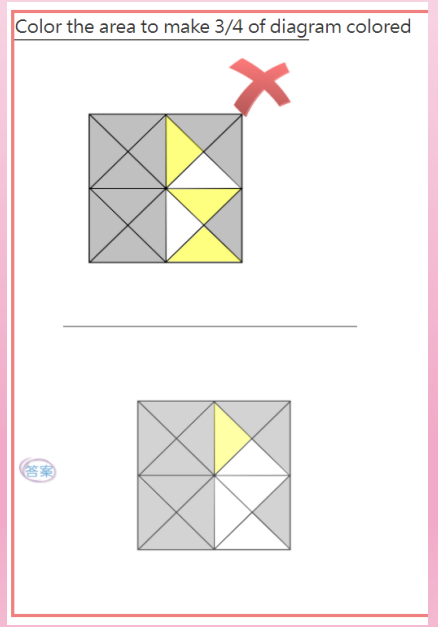
Enhancement of STAR platform features

A newly-added question type: colouring



Click the area(s) for coloring





The latest round of enhanced features will be available from Q4 2022 to Q2 2023.

Enhancement of STAR platform features

Newly-added types of reports

- Cross-year data consolidation
- Cross-paper data analysis
- Cross-basic competency and learning objective
- Performance dashboard for instant feedback during lessons

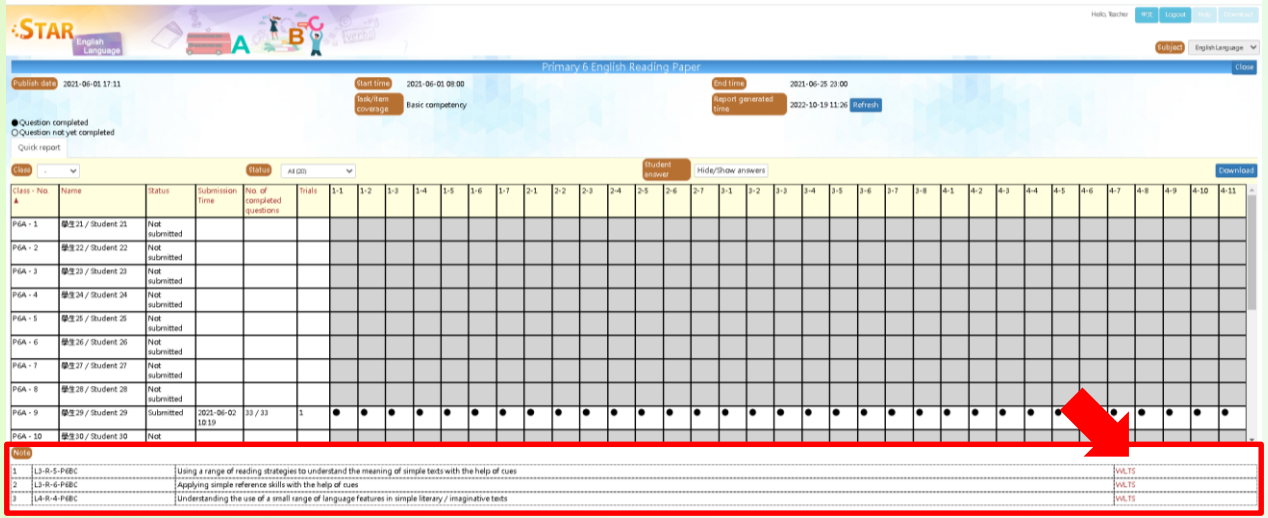
The latest round of enhanced features will be available from Q4 2022 to Q2 2023.

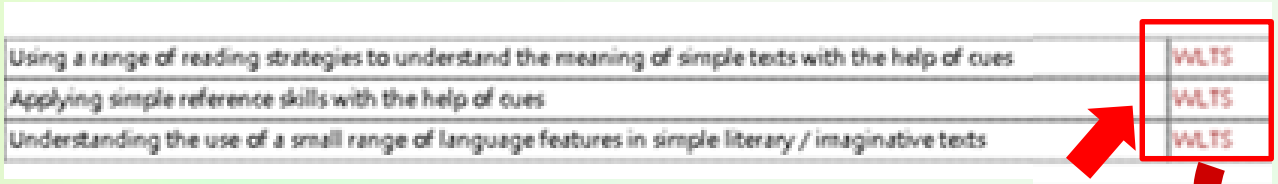
Features of the WLTS Platform

Website:
https://wlts.edb.hkedcity.net/en/home/index.html

QR Code:

STAR assessment items are linked to the interactive learning and teaching resources at the WLTS platform





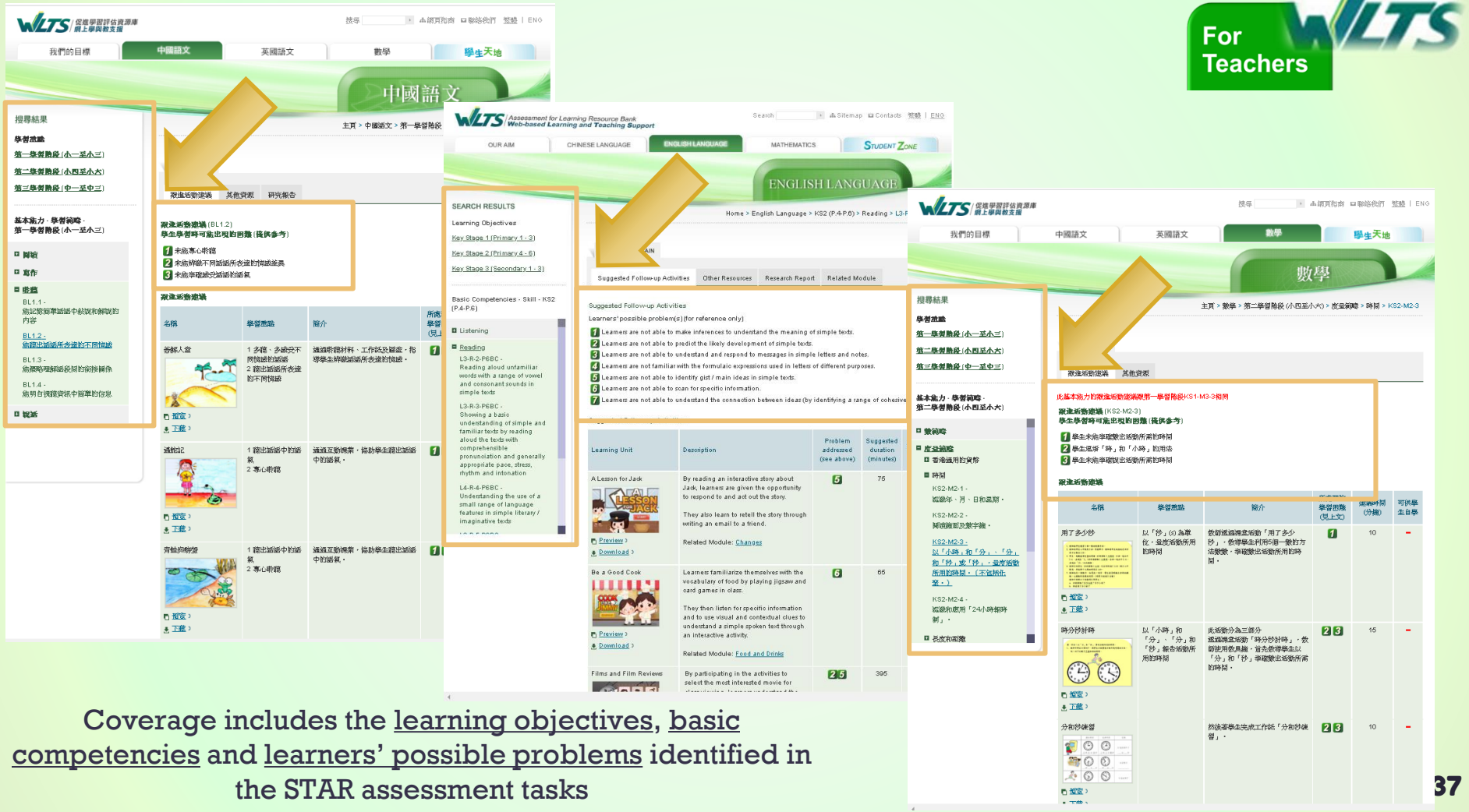
For Teachers

(Chinese Language, English Language and Mathematics)

For Students

(Student Zone)

- More than 730 sets learning and teaching resources developed with reference to students' learning difficulties
- Covering Chinese Language, English Language and Mathematics
- A variety of resources (e.g. learning and teaching activities, interactive games and practices)



Coverage includes the learning objectives, basic competencies and learners' possible problems identified in the STAR assessment tasks

Selecting learning and teaching resources (Basic Competencies)

For Teachers

基本能力 - 學習範疇 -
第一學習階段 (小一至小三)

- 閱讀
  - BR1.1 - 能認讀一般閱讀材料中的常用字
  - BR1.2 -
  - 能理解簡淺短文字的段意及段落關係
  - BR1.4 - 能概略理解篇章中簡淺的順敘/倒敘事件
  - BR1.5 - 能理解簡單的實用文
  - BR1.6 - 能明白視聽資訊中簡單的信息
- 寫作
- 聆聽

1. Select "Basic Competency Descriptor"

2.Make reference to learner's possible problems identified

學生學習時可能出現的困難 (參考)

1. 未能掌握記敘文的特點
2. 未能理解內容細節如事件中時、地、人、事
3. 未能分清順敘和倒敘表達手法
4. 未能抓住文章重點，影響對整體內容的理解

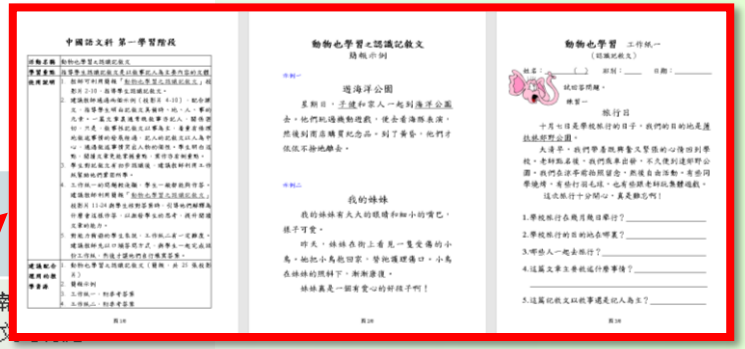
跟進活動建議

名稱	學習重點	簡介
動物也學習之認識記敘文	認識記敘文的特點	通過教學簡報，讓學生認識記敘文

預覽 下載

3. Preview and download resources

Resources include teaching guidelines, worksheets, suggested answers



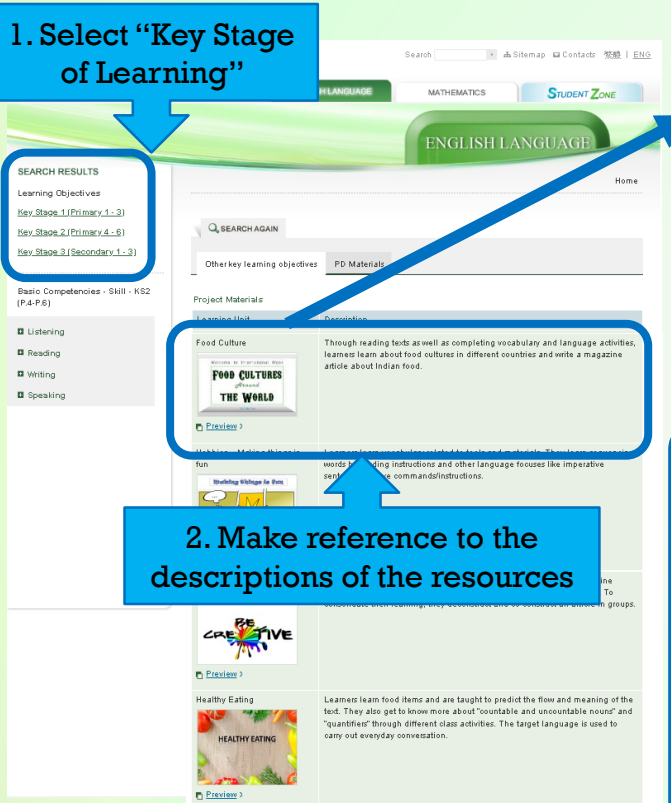
Selecting learning and teaching resources (Full Curriculum)

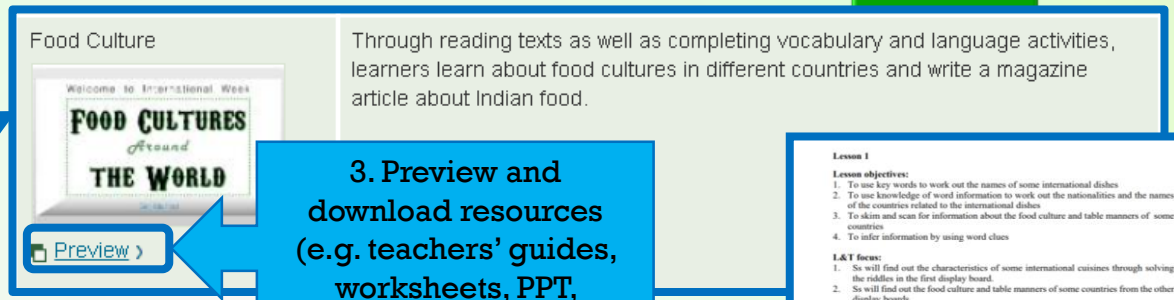
For Teachers

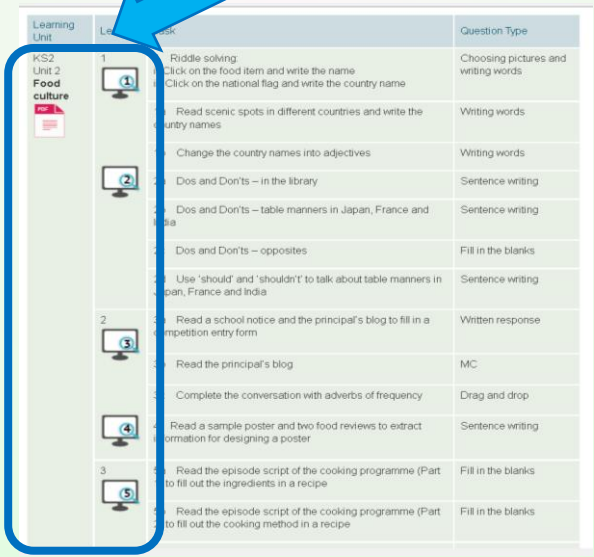
1. Select "Key Stage of Learning"

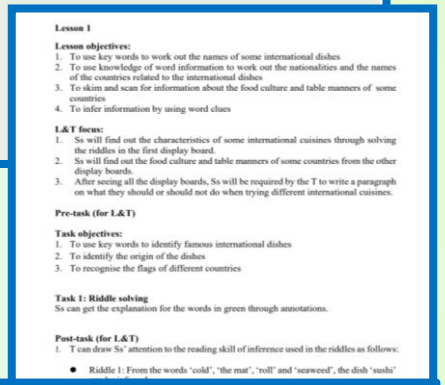
2. Make reference to the descriptions of the resources

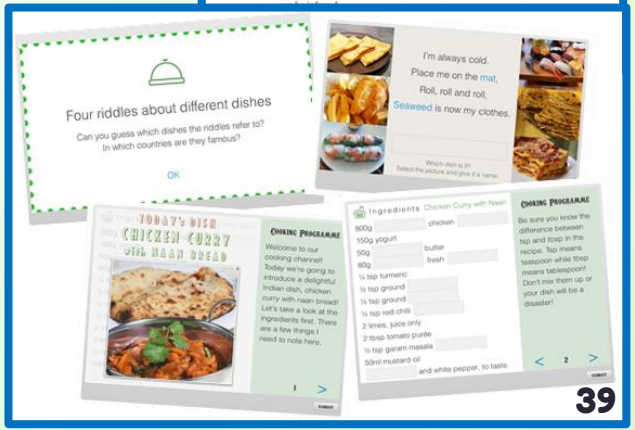
3. Preview and download resources (e.g. teachers' guides, worksheets, PPT, interactive activities)









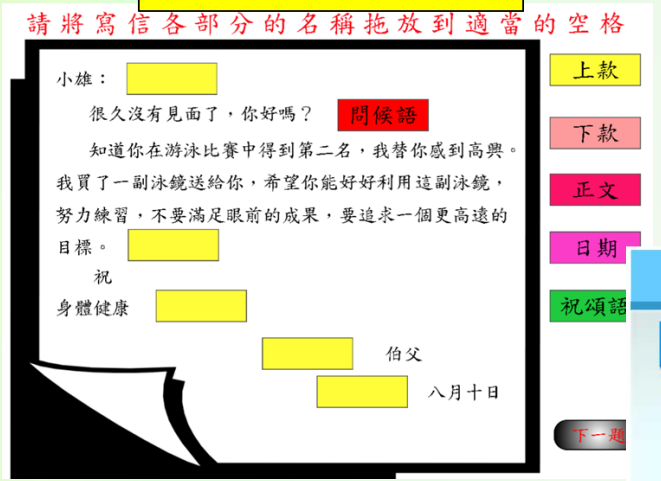


Interactive games / activities for students

For Students

Examples of Chinese Language

書信格式基本法



Reading (KS1)

修改病句練習

Writing (KS1)

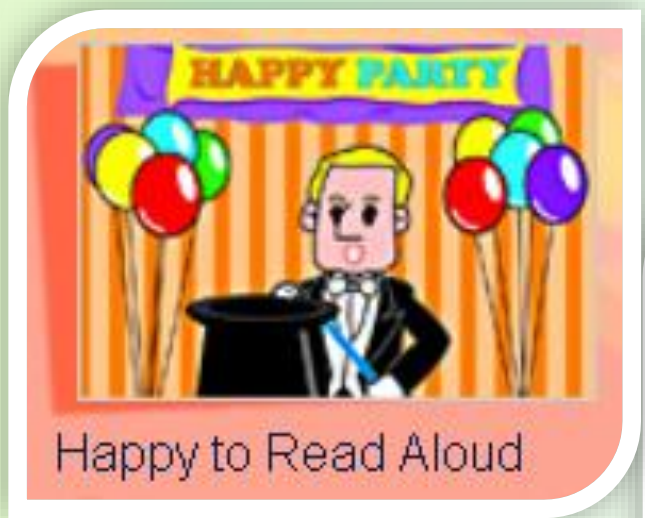
聽懂對人物、事件的評價

Listening (KS2)

Interactive games / activities for students

For Students

Examples of English Language



Speaking (KS1)

Listening (KS2)

Reading (KS3)

Interactive games / activities for students

For Students

Examples of Mathematics

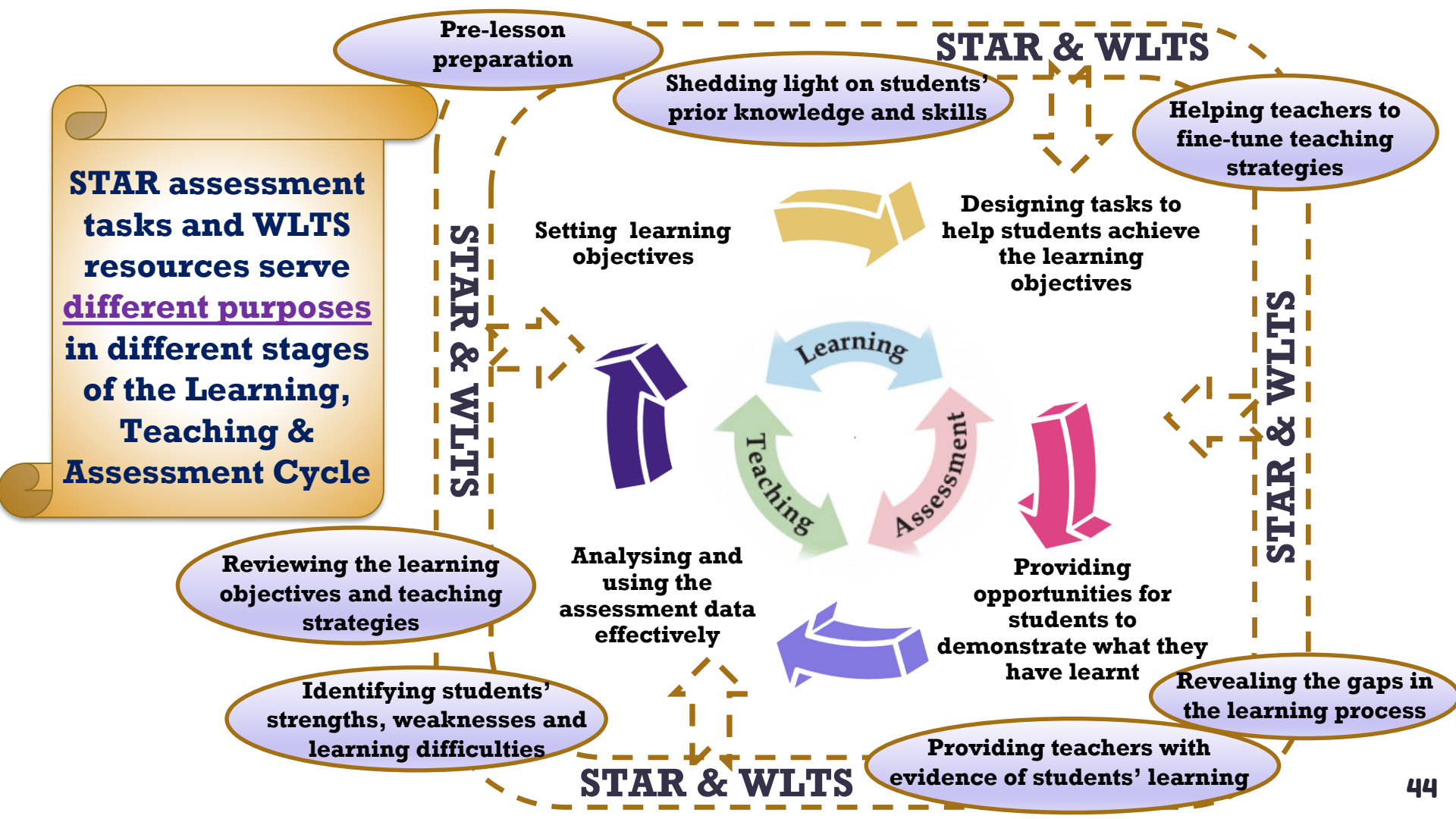
KS1

KS2

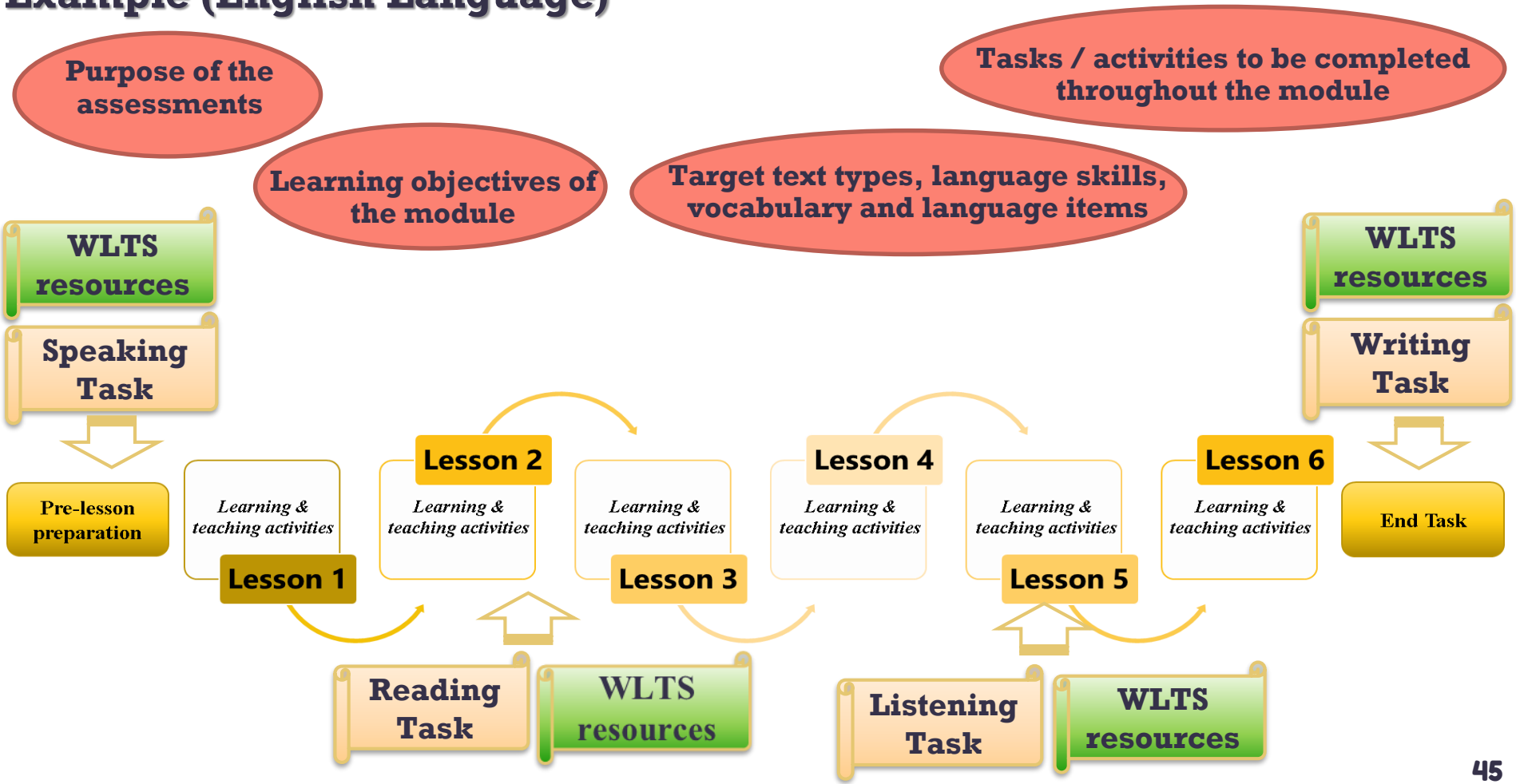
KS3

Incorporating the use of the STAR and WLTS Platforms into Learning, Teaching and Assessment

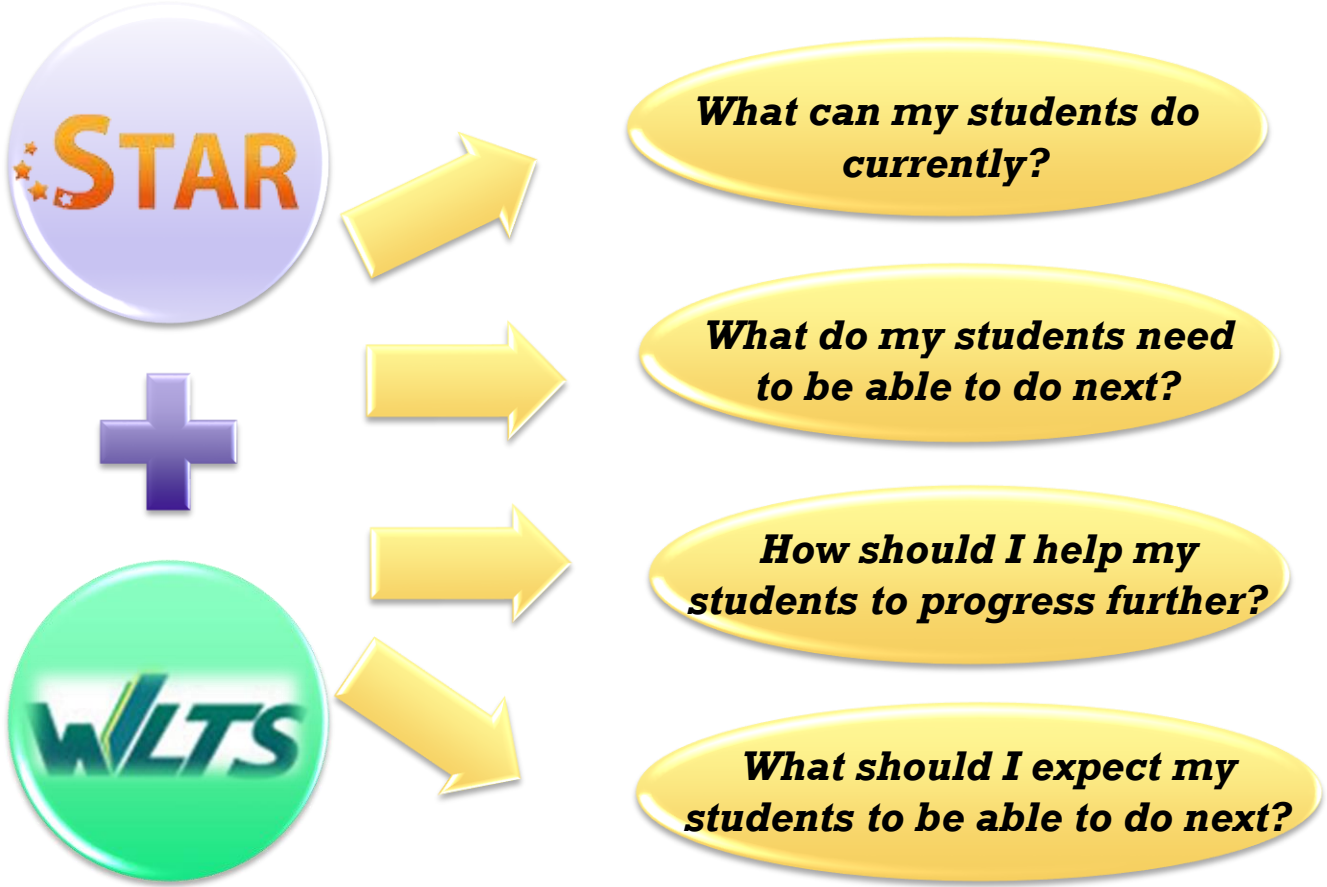
STAR assessment tasks and WLTS resources serve <u>different purposes</u> in different stages of the Learning, Teaching & Assessment Cycle



Example (English Language)



Promoting Assessment for Learning



Thanks