









eREAP eResources Overview 2021/22

| | Language Learning | Mathematics resources | | Science resources |
|------------------------------------|---|--|---|--|
| |  |  |  |  |
| Brief introduction | <p>Over 10,000 English videos lessons and 50 video-based courses in 6 categories covering academic and non-academic topics, also classified clearly by language skills, in 3 levels of difficulty.</p> <p>Speech recognition system evaluates pronunciation accuracy in learners' recordings to improve listening and speaking skills.</p> <p>Its interactive vocabulary learning system enrich vocabulary in terms of phonetics and meaning.</p> | <p>Materials are derived by educators in England and designed to fit Hong Kong's Mathematics curriculum, and are compatible to the World Class Tests.</p> <p>Enhance Mathematics and problem solving skills with interesting questions that requires high-order thinking skills, and through daily practice.</p> <p>Learners can decide level of difficulty of questions and access solutions.</p> | <p>Questions cover and are classified according to Hong Kong's Mathematics curriculum.</p> <p>Step by step feedback and hint system help learners through calculation process.</p> <p>'Adaptive task' assessment mode adjusts question difficulty in real time to create personalised learning path.</p> <p>Handwriting recognition and keyboard for mathematics symbols support calculation process.</p> | <p>Over 1,700 3-minute science footage under 36 topics in Biology, 23 topics in Physics and 14 topics in Chemistry to facilitate learning profound science concepts.</p> <p>Each unit in a particular topic includes a footage and transcript, supporting visuals and glossary films, learning notes, learning key points and quizzes.</p> <p>Particular interactive features of the platform facilitate flipped classroom and project-based learning.</p> |
| KLA | <ul style="list-style-type: none"> English Language (Academic / Business / Media / Social / Travel English; on Grammar, Pronunciation, Test Preparation, Useful Expressions and Vocabulary) | <ul style="list-style-type: none"> Mathematics | <ul style="list-style-type: none"> Mathematics | <ul style="list-style-type: none"> Science (Physics, Chemistry, Biology) |
| KS | <p>P 1-3 P 4-6</p> <p>S 1-3 S 4-6</p> | <p>P 1-3 P 4-6</p> <p>S 1-3</p> | <p>P 4-6</p> <p>S 1-3 S 4-6</p> | <p>S 1-3 S 4-6</p> |
| Teaching support | <ul style="list-style-type: none"> Learning objectives Custom group assignment function Goal setting to motivate learners learn regularly Learning data capture and export, including learners' recordings | <ul style="list-style-type: none"> Learning objectives Learning data capture and export Teaching Kit for customising the order of questions | <ul style="list-style-type: none"> Randomisation of question to avoid copying Learning data capture and export | <ul style="list-style-type: none"> Lesson plans Custom group assignment function Quizzes in basic and advanced levels Learning data capture and export |
| Self-paced learning support | <ul style="list-style-type: none"> Learners can browse and access videos on their own, according to topics or skills Slow mode for videos help learners listen to the videos according to their needs Learning progress report | <ul style="list-style-type: none"> Free access to everyday questions, learning objectives and respective solutions Personal progress report and analysis | <ul style="list-style-type: none"> 'Adaptive task' assessment mode provides personalised path for the sake of mastering Maths concepts Instant assessment and hint for each calculation step Learning progress report | <ul style="list-style-type: none"> Free access to footage, learning notes, transcript and mini quiz for preparing before lesson and revision after lesson Learning progress report |

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| | Cross KLAs resources | STEM resources | | Learning Tools |
|------------------------------------|--|---|---|---|
| |  |  |  |  |
| Brief introduction | <p>Built-in datasets from government, information and data from professional organisations.</p> <p>Teachers can integrate online mapping technology and spatial analytics into different subjects like STEM, PSHE, Liberal Studies, General Studies and even Languages, etc. to engage students in project learning and creating webpage and App.</p> <p>Instructional materials and Templates are readily available for instant plan and go.</p> | <p>All-in-one resource integrates coding puzzles and graphic novels.</p> <p>Programming tasks in conjunction with series stories helps students understand and engage.</p> <p>It meets STEM/STEAM and Literacy curriculum outcomes while teaching students core coding concepts and skills.</p> | <p>Game-based online coding platform</p> <p>Teacher dashboard for teachers to monitor students' performance and convenient for scoring</p> <p>Flexible lesson plan for each coding courses, include both online and offline classroom activities</p> | <p>Educational games are created for playing in teams in authentic real-life environment using mobile devices. Students can improve collaboration and problem-solving skills through gamified learning.</p> <p>Activities and templates are readily available for instant setup.</p> <p>Teachers can monitor the progress online and provide real-time feedback.</p> |
| • KLA | <ul style="list-style-type: none"> • Cross KLA • Technology • Personal, Social and Humanities | <ul style="list-style-type: none"> • Cross KLA • English Language • Technology • Arts • General Studies | <ul style="list-style-type: none"> • Cross KLA • Technology • General Studies | <ul style="list-style-type: none"> • Cross KLA |
| KS | <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: #90EE90; padding: 2px;">P 1-3</div> <div style="background-color: #90EE90; padding: 2px;">P 4-6</div> <div style="background-color: #ADD8E6; padding: 2px;">S 1-3</div> <div style="background-color: #ADD8E6; padding: 2px;">S 4-6</div> </div> | <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: #90EE90; padding: 2px;">P 4-6</div> <div style="background-color: #ADD8E6; padding: 2px;">S 1-3</div> </div> | <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: #90EE90; padding: 2px;">P 4-6</div> <div style="background-color: #ADD8E6; padding: 2px;">S 1-3</div> </div> | <div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="background-color: #90EE90; padding: 2px;">P 1-3</div> <div style="background-color: #90EE90; padding: 2px;">P 4-6</div> <div style="background-color: #ADD8E6; padding: 2px;">S 1-3</div> <div style="background-color: #ADD8E6; padding: 2px;">S 4-6</div> </div> |
| Teaching support | <ul style="list-style-type: none"> • Customise the administration rights for authorising and managing certain content in the application • Teacher materials for reference and teaching | <ul style="list-style-type: none"> • Lesson plans • Teacher guides • Answer keys | <ul style="list-style-type: none"> • Lesson plans • Teacher guides • Teacher dashboard for monitoring students' progress | <ul style="list-style-type: none"> • Lesson plans • Teacher guides • Learning data capture and export |
| Self-paced learning support | <ul style="list-style-type: none"> • Free access to datasets for creating story maps, use of survey 123 etc. | <ul style="list-style-type: none"> • Free access to content of each lesson | <ul style="list-style-type: none"> • Learning report of individuals | <ul style="list-style-type: none"> • Learning report of individuals and groupmates |