



# Learning through the 5E's and Play

# i-LEAP

5E Model of Instruction

to create a  
5i Learning Experience

**E**ngage  
**E**xplore  
**E**xplain  
**E**xtend  
**E**valuate

**i**nteractive  
**i**maginative  
**i**nnovative  
**i**nformative  
**i**mpactful

help to develop the  
4C's of the  
21st Century Learning

**C**ommunication  
**C**ollaboration  
**C**reativity  
**C**ritical Thinking



Developed in consultation with UTM experts



**A systematic programme specially designed to guide preschool children in learning English, Bahasa Malaysia Chinese, Maths, Science and Character Education.**

**i-LEAP**

English, Bahasa  
Melayu & Chinese

- Coursebooks
- Activity Books
- Learning Resources
- Hands-on Activities
- Flash Cards
- Multimedia

**i-LEAP**

Maths & Science

- Coursebooks
- Activity Books
- Hands-on Activities
- STEAM Projects
- Multimedia

**i-LEAP**

Character Education

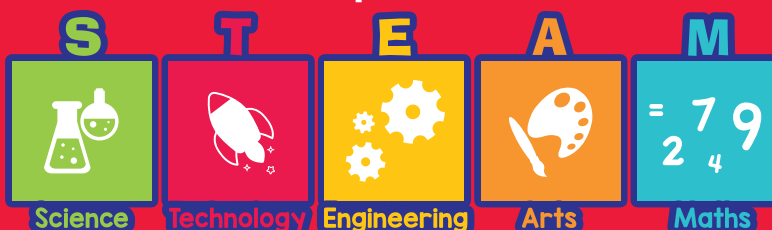
- Coursebooks
- Activity Books
- Hands-on Activities
- STEAM Projects
- Multimedia

In line with:

**CEFR**

(Common European  
Framework of Reference  
for Languages)

Incorporates



into learning

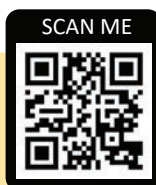
## Why choose i-LEAP?

- Diverse resources based on 5E's are tailored to meet 21st century millennial learning.
- Provides children with multiple opportunities to explore, discover, participate and reinvent.
- The CEFR-aligned English resources are infused into foundational learning strategies that prepare children to enter primary school.
- The Maths and Science resources incorporate STEAM for a holistic 21st century learning experience.
- Our supplementary resources are effective and interactive to match children's experiences and learning styles.
- Our resources have been endorsed by a team of educationalists from Universiti Teknologi Malaysia (UTM).



**BONUS**

log on to [plus.pelangibooks.com](https://plus.pelangibooks.com) to explore the online resources available on **Pelang+** to encourage student engagement, making lessons more interactive and effective.



More Info

<https://bit.ly/3m3EZpU>

1

# i-LEAP Core Philosophy



Based on the

**5E**

Model of  
Instruction

**Engage**

**Explore**

**Explain**

**Extend**

**Evaluate**

What happens during each of the 5E's phases?

**Engage**

Children's interest and curiosity towards subject matter are piqued

**Explore**

Children are guided to further explore ideas and subject matter

**Explain**

Children explain about the subject matter based on their own understanding

**Extend**

Children are guided to apply what they have learnt in a new and different situation

**Evaluate**

Children evaluate and assess their own knowledge and skill

2

## Encourages 21st Century Learning

### The 4C's

#### Communication

Everyday words and structures to help children communicate in the real world

#### Collaboration

Includes questions and activities that get children to communicate and work together

#### Critical Thinking

Includes questions and activities that improve Higher Order Thinking Skills (HOTS)

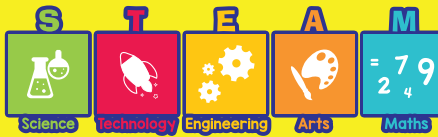
#### Creativity

Includes activities that let children be creative while reinforcing the contents learnt



3

Incorporates



into i-LEAP Maths and Science

## Science

Observe, form questions, make predictions, carry out experiments

## Technology

Use simple tools

## Engineering

Design, build and construct

## Arts

Draw, enjoy music, do pretend play

## Maths

Learn about numbers, shapes, size and patterns



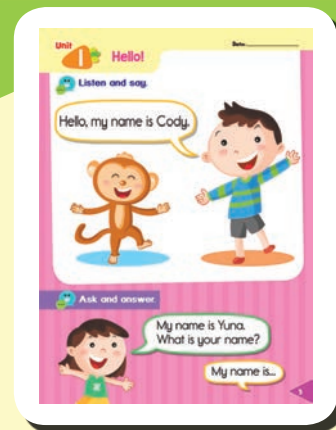


## Pre-A1 Can Do Statements

- Can understand and use familiar everyday expressions and very basic phrases
- Can introduce him/herself and others
- Can ask and answer questions about personal details such as where he/she lives, people he/she knows and things he/she has
- Can interact in a simple way provided the person talks slowly and is prepared to help



Can understand and use familiar everyday expressions and very basic phrases



Can introduce him/herself and others



Can ask and answer questions about personal details such as where he/she lives, people he/she knows and things he/she has



Can interact in a simple way provided the person talks slowly and is prepared to help

## Inclusive of the following core subjects:

### Bahasa Melayu

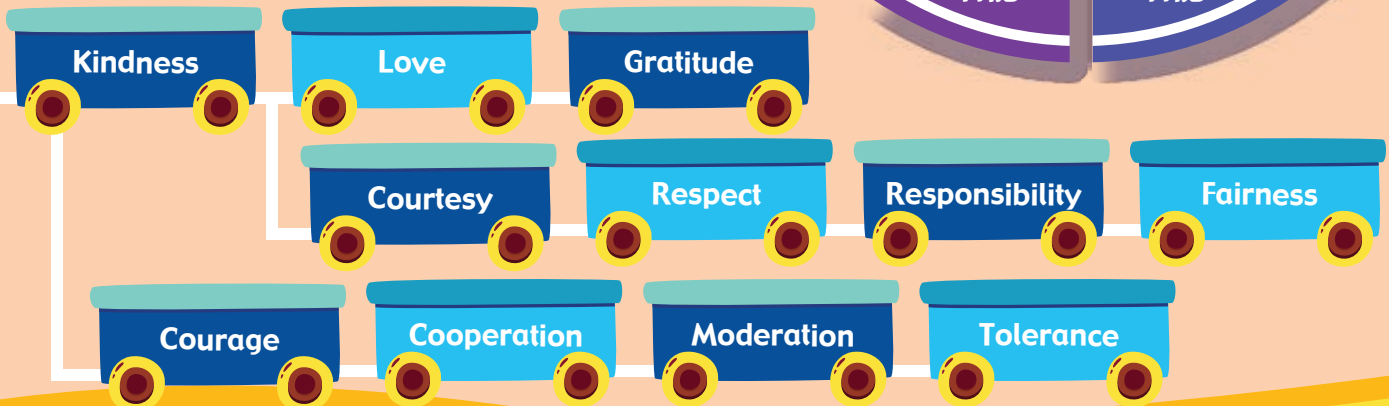
- Based on thematic approach
- Uses themes that are relevant to children's daily lives
- Themes are arranged from the inside (self) to the outside (environment)
- To ensure little learners develop essential skills and values to equip them for primary school

### Chinese

- With a carefully designed curriculum and instructional practice to promote multiple intelligences, giving little learners a richer learning experience.

### Character Education

- Specially developed to instil important moral values in children
- The content is arranged according to the values.
- Children will be exposed to all 13 values at each level:



## Learning through Play via Hands-On Fun Kits

Playing is a powerful way for children to learn. Play is used to further enhance children's learning in all aspects.

**i-LEAP Hands-on Fun Kits** offer a variety of opportunities for learning through exploration, play and inquiry to build the 5i's learning experiences (**i**nteractive, **i**maginative, **i**nnovative, **i**nformative and **i**mpactful). Through these experiences, they will develop **21st century skills** or the **4C's** (**c**ommunication, **c**ollaboration, **c**reativity and **c**ritical thinking).





# i-LEAP English

Nursery

K1

K2

Key vocabulary is highlighted

QR codes linked to lively animations

Games that add the element of play



Activities that boost Higher Order Thinking Skills

Fun stories to read and act out



## Coursebooks and Activity Books



## Hands-on Fun

Based on the coursebooks, the crafts and other hands-on activities will boost kinaesthetic learning



## Flash Cards

	boy	girl
forehead	cheek	ear
mouth	eyebrow	eye
nose	chin	hair
head	hand	arm
neck	finger	leg

Based on the words found in the coursebooks, the flash cards will improve word recognition and memory





# i-LEAP Maths

Nursery

K1

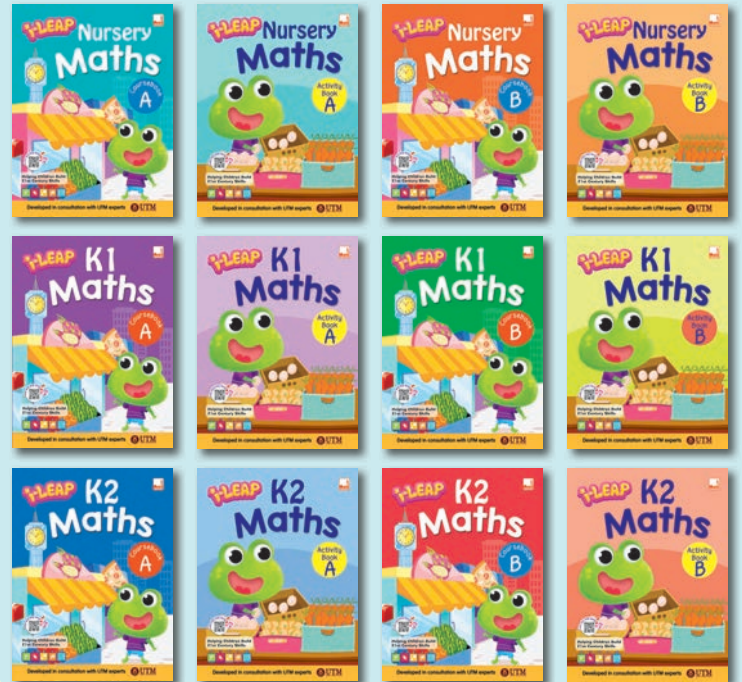
K2

Fun songs that reinforce the contents learnt

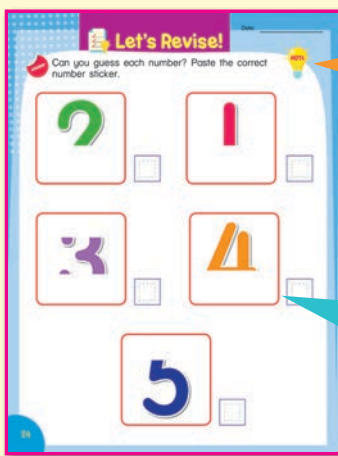


Words that highlight important maths concepts

## Coursebooks and Activity Books



Activities that boost Higher Order Thinking Skills



Activities that boost number recognition

## STEAM Stories



## Hands-on Fun

Based on the coursebooks, the crafts and other hands-on activities boost kinaesthetic learning



Each charming story is followed by a fun task with a problem to solve, that gives children the opportunity to develop STEAM skills



# i-LEAP science

Nursery

K1

K2

Fun activities for effective learning

Interesting facts for children to learn about themselves and the world

Activities that boost Higher Order Thinking Skills



## Coursebooks and Activity Books



QR codes linked to lively animations

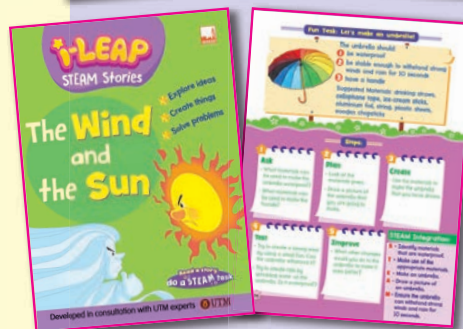
Attractive stories to expose interesting science facts

## Hands-on Fun

Based on the coursebooks, the crafts and other hands-on activities boost kinaesthetic learning



## STEAM Stories



Each charming story is followed by a fun task with a problem to solve, that gives children the opportunity to develop STEAM skills



# LEAP 中文

Nursery

K1

K2

吸引人的插图，  
帮助小朋友学习  
生字



精美的插图帮助培  
养观察技巧和语言  
智能



歌曲帮助发展音  
乐智能和身体动  
觉智能



透过扫描二维码  
观看视频

## 手作乐陶陶

根据课本内容提供手工艺和其他动手活动来  
促进幼儿的动觉学习



**手指家族**  
让幼儿运用手偶以增强手指运动的  
灵活性和协调性，并用手偶来  
扮演不同的家庭成员来进行对话  
以增强语言能力



**轮盘转转乐**  
让幼儿亲手做轮盘来进行  
配词游戏

## 课本与作业



## 字卡

她	会	喜欢
穿	的	这是
不	没有	
图书	贺卡	<small>多认字卡用法： - 配对游戏 - 记忆游戏 - 看图说话 - 看图写话</small>
文具盒	磁铁	橡皮泥
布娃娃	玩具汽车	玩具火车
皮球	拼图	积木
上衣	衬衫	连衣裙
长裤	袜子	雨衣



根据课本的生字  
选出的字卡，加  
强小朋友对生字  
的辨识和记忆

# i-LEAP

Taska

K1

K2

## Bahasa Melayu

Kod QR untuk diimbas

Lagu menarik yang menyerlahkan kecerdasan muzik

Kandungan yang membantu membina kecerdasan intrapersonal dan kecerdasan linguistik



Kosa kata yang diketengahkan mengikut topik

Ilustrasi yang membangunkan kemahiran pemerhatian, kecerdasan linguistik dan kecerdasan intrapersonal



### Buku Bacaan dan Buku Aktiviti



### Ceria Kerja Tangan

Menyediakan pembelajaran kinestetik berdasarkan tema yang disediakan dalam buku bacaan.



Topi Singa  
(Tema: Melawat Ke Zoo)



Kek Hari Jadi  
(Tema: Di Majlis Hari Jadi)

### Kad Imbas



berdasarkan perkataan dalam buku bacaan, kad imbas akan meningkatkan pengenalan perkataan dan ingatan



# i-LEAP

Nursery

K1

K2

## Character Education

QR codes  
linked to lively  
animations



Fun stories to tell  
to improve speaking  
skills while learning  
important values



### Coursebooks and Activity Books



### Hands-on Fun

Through crafts and other hands-on activities  
to boost kinesthetic learning and to instil  
important moral values in children



Value: **Courage**



Value: **Moderation**



Fun songs to sing to  
help children learn  
with ease



**Dickens Publishing Ltd**

Suite G7-G8, Davina House, 137-149 Goswell Road,  
London, EC1V 7ET, United Kingdom.  
E-mail: [info@dickenspublishing.co.uk](mailto:info@dickenspublishing.co.uk)

[www.DickensPublishing.co.uk](http://www.DickensPublishing.co.uk)

Log on to [plus.pelangibooks.com](http://plus.pelangibooks.com) to explore  
the online resources provided.