

Product

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## ABSTRACT

ULWAN KIT'S was constructed and created to fulfil the preschool teaching and learning syllabus. This product has undergone revision and updates. As of now, we have successfully completed the first two integral chapters children must know in their formative years. The first of which covers the **basic manners as well as common prayers from the Quran and Hadiths**. The second chapter concerns **Ahkam and discussions on Taharah (cleanliness)**. This product is an exercise kit which includes mentally stimulating games and digital tests/e-exercise to check your child's comprehension. What makes this such a novel product is that it takes a **holistic approach towards learning** which encompasses **reading physical books and use of digital media**. Hence, children will become technologically literate at a young age. It is in line with the Malaysian government's 'Dasar Pendidikan Digital'.

## INTRODUCTION

**EDUCATION** is a means of **elevating the height of excellence in every human being** and plays an important role in becoming a deductive individual that is **dynamic in all facets of life**.

Generally, education is tied with the process of **teaching and learning of a particular subject and assimilation of values**. Ideally, the fruits of a thorough education should give rise to an individual that can apply **one's knowledge to one's benefit in daily life**.

**Education in children** should be viewed as a continuous, ever-evolving process that is in tandem with a child's cognitive development. Children learn from their surrounding and what is said to them. **Islam stresses shaping one's conduct not just from a physical standpoint but also nurture one's soul and spirit**.

Therefore, researchers have devised **Ulwan Kits**; a product to **assist the process of teaching and learning for children**. This product has won several gold medals from innovation competitions held in 2018, 2019, 2020 and 2021. The efficacy of this product has been proven through implementation in select preschools. This product has received **immense positive response from consumers**.

This product is approved by **Intellectual Property Corporation of Malaysia (MyIPO)**. Our plan is to complete several more chapters and seek approval from the **Ministry of Education**. Data and information were gathered using qualitative methods i.e.- library research, observation, interviews, and data analysis.

## METHODOLOGY

To prepare this product we have used qualitative methods that are using library methods, observation, interviews and data analysis methods.

Data Collection  
Methods

Library Research

Survey

Observation

Literature Search

Data  
Analysis

Inductive

Deductive Method



## PRODUCT DESCRIPTION / INNOVATION IN BRIEF

'Ulwan Kits was created on the foundation to **provide a platform that is accessible and exciting to preschool students** that want to obtain the basic knowledge regarding the first two chapters which are: **'adab' and 'ibadah (toharah)'**. 'Ulwan Kits takes on a holistic approach towards learning which encompasses **reading physical books and use of digital media**.

### OBJECTIVES

To give preschool students **early exposure** to a syllabus that is based on a **cornucopia of Islamic knowledge** that is accessible and exciting.

To excite students' enthusiasm and realize the **importance of understanding the two main chapters** lauded by Islam which are: **'adab' and 'ibadah (toharah)'**. Students should be able to effectively apply their knowledge.

To pique a **culture of reading** among children.

To make the **use of gadgets** central in one's life.

To **vary the modes of teaching and learning** for children through the implementation of three elements which are: **audio, visual and kinesthetic**.



### FUNCTION & USES

- To assist in learning and teaching among children.
- The syllabus was outlined to create children with great conduct and manners.
- This product are integrated with interesting videos, fun exercises & activities to let children play around.
- The activities were designed to stimulate childrens' mind and senses.
- Allow children to discover their own interests and capabilities while fulfilling their spiritual, psychological, and physical needs.

### 'ULWAN KITS | PHYSICAL INTERACTIVE GAME



### 'ULWAN KIT'S DIGITAL INTERACTIVE GAME



## SYARIAH COMPLIANCES

'Ulwan Kit's is an **innovation of the teaching and learning system tailored for preschool level**. The first chapter covers the **basic manners like common recitations from the Quran and Hadiths**. The second one concerns **Ahkam and discussions on Taharah (cleanliness)**. This product takes a **holistic approach** towards learning which encompasses reading physical books and use of digital media. Hence, children will become **technologically literate at a young age**. The scholars in Islam, Imam Malik, said to **learn manners first before knowledge** to establish **good manners** and to **develop their character**.

"LEADING INNOVATION"

## SIGNIFICANCE

### NOTES+EXERCISE

E-books and illustration notebooks with a colorful **'pop up' book concept**

Very interesting Physical Exercise Kit's and Digital Exercise

The use of QR Code for learning through youtube provided.

### VALUE OF UNITY

This product emphasizes **two-way education** learning in between

**STUDENT- TEACHERS**

OR

**STUDENT- PARENTS**

Improving children's **social skills** at an early stage.

Sustainable  
Development  
Goals Related



## NOVELTY / ORIGINALITY

- 'Ulwan Kits takes on a holistic approach towards learning which encompasses reading physical books and use of digital media.

- It is in line with the Malaysian government's **'Dasar Pendidikan Digital'**.

This innovation has been **approved by Intellectual Property**

- Corporation of Malaysia ID: CRLY00017941** and is able to build a reputable brand name that is recognized as its own trademark.

The **efficacy** of this product has been **proven** through implementation in selected preschools in Melaka;

- Taska al-Baqdadi Kelemak Alor Gajah, Melaka
- Pra Sekolah Sekolah Rendah Kebangsaan Lendu Alor Gajah
- Taska Anak Pintar MITC Ayer Keroh, Melaka.

## AWARDS • PUBLICATION • PATTERNS

### AWARDS

International Conference Islamic Invention and Innovation (**i-CIPTA**) 2018 : **GOLD**

International Conference Islamic Invention & Innovation (**i-CIPTA**) 2019 : **GOLD**

Invention, Innovation & Design (**IIDEX**) 2020 : **GOLD**  
(Representing and endorsed by UiTM Melaka)

Invention, Innovation & Design (**IIDEX**) 2021 : **GOLD**  
(Representing and endorsed by UiTM Melaka)

