

A R T /

I N N O V A T I O N

PART II



... issue. The ins...
... actors who play a role in declaring something
... that is existentially threatened. The government,
... represented by high-ranking officials, lobbyists, and
... even pressure from a group are all examples of securi-
... zing actors. Next is the issue or threat that potential-
... ly brings harmful effects towards peace and stability
... of the country and lastly is the reference object or who

eg
... that those mo
... actors, political
... individuals can h
... ing or ensuring their own se
... Anthony M., 2018). One of the m
... global Non-Traditional Security risks is the
... COVID-19 pandemic. This worldwide health crisis
... has resulted in an unacceptably high number of deaths
... and a significant economic impact.

Securitization theory, which is employed as a frame-
... work analysis, is the basic theory that underpins the
... analysis in this study. Securitization developed from
... Copenhagen School (COPRI – Copenhagen Peace
... Research Institute) of security studies pioneered by
... Barry Buzan, Ole Weaver and Jean De Wilde (1998).

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Presents

ART / *INNOVATION*

PART II



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JABATAN SENI HALUS
FAKULTI SENI LUKIS & SENI REKA
UiTM CAWANGAN PERAK

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VISION

To promote art and expression as aspirations towards stylistic and artistic practices.

MISSION

- To enhance the culture of research and academic publication among academic and artists for international recognition.
- To promote intellectual, cultural and knowledge sharing through artistic expression.
- To celebrate the diversity and differences in arts practices thus, creating an intellectual platform for artist, to express their interest, in art

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COLLABORATIVE LEARNING IN RECYCLING PRACTICE

Pride of the Malay Heritage

a chapter by

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Abstract

Recycling awareness among young educated generation especially school's children is critical as the flag-bearer of the world in the future. From the ideas of educators to promote awareness of recycling programs and sustainability, then results in one of the initiatives established in recycling practices that is Periwinkle Landscape Innovation in SK Aur Gading, Kuala Lipis Pahang. SK Aur Gading is one of the rural area schools and parsley populated area in Pahang. Periwinkle is the symbolic of flowers to give hope and benefit to cancer patients. Varieties of innovation in teaching and learning is not only focus on applying new technology but the way on how to diversify the available resources or facilities to bring something good in the future. This initiative will move school to an environment friendly domain and more importantly the campaign fosters students' leadership by enabling students to be more creative by involving this innovative programme that also can be apply in teaching and learning process.

Introduction

Every year, Malaysia loses an estimated RM476 million in recyclable resources in an industry that is considered as high value, simply because recycling practices have yet to become a norm in this country. Most Malaysians are unaware of the high commodity value of the rubbish they generate. Their ignorance is reflected in the nation's recycling rate which stood at around 31.52 percent in 2021 despite campaigns by the government to encourage the public to practice the 3Rs, reduce, reuse and recycle since the 1990s.

Most developed countries, in contrast, have high recycling rates of over 60 percent. Malaysia is still lagging behind significantly in sustainable waste management practices, particularly in the area of recycling. It is necessary to create more awareness about the importance of protecting the environment, especially from the early stages of school. Through recycling initiatives will also serve as an incentive to the public to take up recycling as a sustainable activity.

Problem Statement

Education and awareness activities are at the heart of driving a change of attitude toward waste. Gusti, A. (2016). Schools and higher education institutions carry out programmes to educate students on the importance of recycling and waste segregation. Incorporating the reduce, reuse, recycle message within lessons is key to encouraging young people to think differently about waste, and to think about how they can incorporate waste minimisation activities into their own school and home environments. This goal is in line with four of the 17 goals in the world's Sustainable Development Goals (SDG). Educators should set a good example to children and youths by practising recycling and waste segregation. Doing initiatives in recycling not only helps foster students' interest in school but also diversify innovation in teaching and learning. This initiative should be mainstreamed to encourage others to practise this culture voluntarily as lifelong learning.



Figure 1: Sustainable Development Goals

Literature Review

According to Ah-Choy Er (2019) found that recycling entrepreneurial initiatives can lead to campus sustainability and at the same time generates lucrative income amongst staff of higher learning institutes. The findings indicate that organizing programmes that educate the campus community can open up the minds of the students and staff to the potential of recycling initiatives, increase their knowledge and awareness, and encourage innovation and creative thinking in the use of recycled materials.

Research by Tomayess Issa and Theodora Issa (2019), study about the promoting of UiTM students about learning and awareness towards Corporate Social Responsibility (CSR), Sustainability, and Green IT specifically in higher education. To allow students to become major participants in the business world when they graduate, university developed a unit to improve students' awareness of CSR and sustainability including the roles IT play in business, specifically technology waste and recycling might have on the environment., as they felt those assessments had developed specific skills such as cultural environmental awareness, innovation practices and the generation of appreciation and respect in their minds for the environment.

According to study by Mohammad Asri, A., & Daud, Z. (2021) is to identify student awareness and identify the attitude and behaviour among high school students of SMK Pendang towards recycling practice. The finding of this study shows that students have high awareness and good

attitude towards recycling however student's behaviour toward recycling practice is still not satisfying. Effective strategies are important in order to provide better environmental education for the students according to student preferable ways.

Recycling Practices: Case Study in SK Aur Gading, Kuala Lipis Pahang

Periwinkle Landscape Innovation was established as a result of the collaboration and idea of educators as an initiative to attract interest and create early awareness among students towards the importance of recycling. SK Aur Gading is the case study of implementation for Periwinkle Landscape Innovation because SK Aur Gading is among the schools in the lowly populated inland areas of Kuala Lipis, Pahang. This initiative fosters interest and awareness about the need for recycling but also as one of the innovations in teaching and learning process at the same time maintain environmental sustainability. Schools or institution can create more competitions that encourage the practise of recycling and appreciation programmes for children and youths who successfully practise waste segregation.



Figure 2: Using Waste Materials to Produce

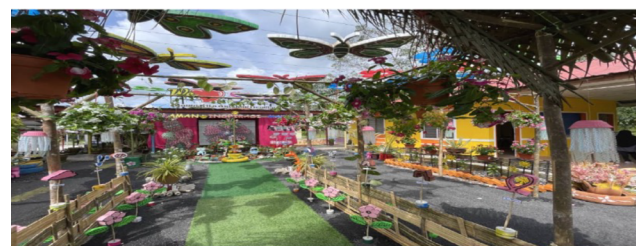


Figure 3: Periwinkle Landscape Innovation



Figure 4: The Elements of Periwinkle Landscape Innovation

Innovation In Teaching and Learning

Periwinkle Landscape Innovation is an innovating teaching and learning technique for improving collaborating learning especially in conducting effective recycling process and sustainability activity in schools. According to Kumar, P. & Kumar, A. (2020) early exposure to the practice of recycling, especially school children about its benefits, indirectly educates them. If they cultivate the practice of recycling, the long-term effects will be able to preserve the environment.

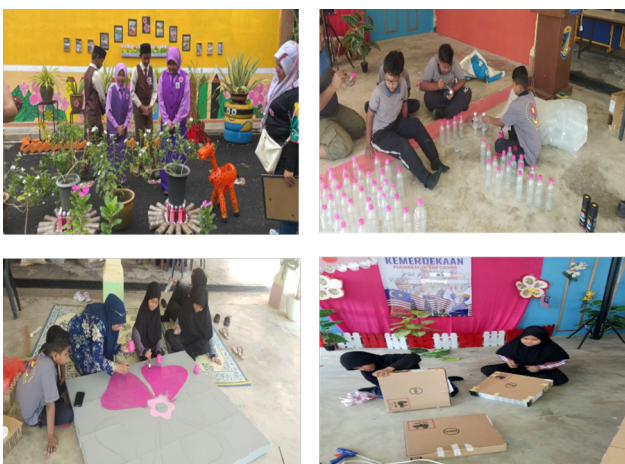


Figure 5: Students get involved in the creating Periwinkle Landscape Innovation

Conclusion

Recycling practices should be one part of lifelong learning process that needs to be practiced as early as possible. School or higher education institutions should offer a comprehensive programme of waste education which links into the curriculum. Creating more exciting and innovation in waste activities to offer and hope that continued collaboration with local schools will improve students understanding of waste and recycling and that the lessons learnt will be passed on and become part of everyday life.

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Saya yang menjalankan amanah,

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Timbalan Ketua Pustakawan

nar

Setuju.

27.1.2023

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