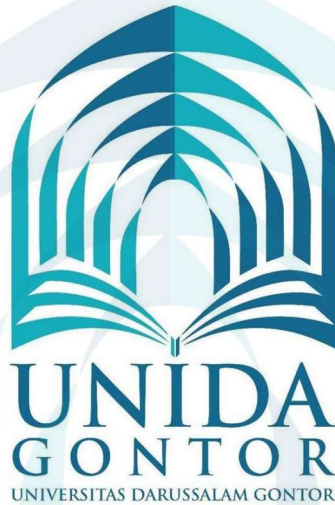


**EFFECTIVENESS OF SMART WINDOWS PUZZLE
LEARNING MEDIA ON ISLAMIC EDUCATION LEARNING
OUTCOMES IN GRADE 11 STUDENT OF SENIOR HIGH
VOCATIONAL SCHOOL AL BASYARIYAH CARUBAN**



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2025 AD/1446 H

**EFFECTIVENESS OF SMART WINDOWS PUZZLE LEARNING MEDIA ON
ISLAMIC EDUCATION LEARNING OUTCOMES IN GRADE 11 STUDENT OF
SENIOR HIGH VOCATIONAL SCHOOL AL BASYARIYAH CARUBAN**

A THESIS

Presented

In Partial Fulfilment of Requirements
to Complete the Licentiate Program

Islamic Education

Faculty of Tarbiyah

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Supervisor

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1446 / 2025

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ABSTRAK
EFEKTIVITAS MEDIA BELAJAR SMART WINDOWS PUZZLE TERHADAP HASIL
BELAJAR PENDIDIKAN AGAMA ISLAM KELAS 11 SMK AL BASYARIYAH
CARUBAN

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Penelitian ini diangkat dan dilatarbelakangi permasalahan yang ada pada pengembangan proses pembelajaran yang ada pada dunia pendidikan. Observasi yang dilakukan untuk memperkuat masalah yang ada di lembaga pendidikan SMK Al Basyariyah Pilangkenceng, menunjukkan uji penggunaan media pembelajaran *Smart Windows Puzzle*, diketahui peserta didik kelas 11 mempelajari mata pelajaran Pendidikan Agama Islam. Keseluruhan siswa memiliki pemerolehan hasil belajar siswa pada mata pelajaran Pendidikan Agama Islam yang terbilang baik, tetapi model pembelajaran yang digunakan monoton, hasil belajar hanya pada kognitif saja, namun belum dapat mencakup keseluruhan pada 3 ranah pendidikan. Dari hasil lapangan, maka peneliti ingin membandingkan bagaimana pengaruh hasil belajar Pendidikan Agama Islam terhadap media pembelajaran *Smart Windows Puzzle* pada siswa kelas 11 SMK Al Basyariyah Pilangkenceng.

Tujuan yang hendak dicapai pada penelitian adalah mengetahui efektivitas, peningkatan, perbandingan, dan pengaruh hasil belajar siswa dengan metode eksperimen pada siswa dengan media pembelajaran *Smart Windows Puzzle* pada materi Pendidikan Agama Islam siswa kelas 11 SMK Al Basyariyah Pilangkenceng. Dengan menggunakan media pembelajaran tersebut bertujuan untuk meningkatkan hasil belajar siswa.

Penelitian ini merupakan penelitian Kuantitatif Eksperimen dengan menggunakan metode *Tru Experimental Design* dalam bentuk *Pretest-Posttest Control Design*. Penelitian ini dilakukan pada kelas 11 dengan jumlah anak dengan populasi berjumlah 81 anak, dengan pengambilan sampel anak sejumlah 50, 24 siswa pada kelas 11 TKR 03 sebagai kelas Eksperimen, dan 26 siswa pada kelas 11 TKR 01 sebagai kelas Kontrol. Pengambilan sampel penggunaan yang digunakan yaitu pengambilan sampel Systematic Random Sampling (sampel kelompok) dilakukan sistematis dalam populasi tersebut. Metode yang digunakan adalah metode pengumpulan data menggunakan tes (*posttes*) dan metode analisis menggunakan program *IBM SPSS V27,0*.

Olah data yang dilaksanakan oleh peneliti, dapat ditarik kesimpulan pada hasil belajar Pendidikan Agama Islam dilihat dari hasil *posttes* antara kedua kelas yang diteliti yaitu kedua kelompok kelas yang memperoleh hasil nilai rata-rata pada kelas eksperimen yaitu 89,58, sedangkan kelas kontrol memperoleh hasil nilai rata-rata sebesar 78,85. Dari hasil data yang telah diuji terbukti nilai means 89,58 (Kelas Eksperimen) > 78,85 (Kelas Kontrol). Diperkuat dengan hasil uji Hipotesis menggunakan *Uji Mann Whitney U Test*, Uji tersebut digunakan karena tidak tercapainya uji normalitas pada persyaratan analisa data. Hasil uji hipotesis statistika menyatakan nilai signnifikansi (*Sig 2 Tailed*) $0,000 < 0,05$, maka H_0 ditolak dan H_1 diterima, sehingga dapat disimpulkan bahwa Penggunaan media pembelajaran *Smart Windows Puzzle* efektif pada hasil belajar Pendidikan Agama Islam.

Dari hasil penelitian diharapkan: (1. Bagi guru selaku pendidik di SMK Al Basyariyah Pilangkenceng agar dapat menjadi acuan dalam menciptakan ide-ide yang inovatif dalam pembelajaran dan juga evaluasi di kegiatan belajar Pendidikan Agama Islam dan hasil belajar siswa. (2. Untuk sekolah diharapkan agar lebih memperhatikan evaluasi dari kegiatan belajar mengajar setiap materi dan terutama pentingnya integrasi mata pelajaran Pendidikan Agama Islam sama pentingnya dengan mata pelajaran saintik di Sekolah Menengah Kejuruan.

Kata kunci : Hasil Belajar, Pendidikan Agama Islam, *Smart Windows Puzzle*.

ABSTRACT
EFFECTIVENESS OF SMART WINDOWS PUZZLE LEARNING MEDIA ON ISLAMIC
EDUCATION LEARNING OUTCOMES IN GRADE 11 STUDENT OF SENIOR HIGH
VOCATIONAL SCHOOL AL BASYARIYAH CARUBAN

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The research was motivated by problems in the development of learning processes in the world of education. Observations carried out to strengthen existing problems at the Al Basyariyah Pilangkenceng Senior High Vocational School, showed that the test of using the Smart Windows Puzzle learning media, it was discovered that grade 11 students were studying Islamic Education subjects. Overall students have obtained fairly good student learning outcomes in Islamic Education subjects, but the learning model used is monotonous, learning outcomes are only cognitive, but cannot cover all 3 educational domains. The field results, so the researchers want to compare the influence of Islamic Education learning outcomes on the Smart Windows Puzzle learning media for Class 11 students at Al Basyariyah Pilangkenceng Senior High Vocational School.

The point of the research is to find out the effectiveness, improvement, comparison and influence of student learning outcomes using the experimental method on students using the Smart Windows Puzzle learning media on an Islamic Education lesson for grade 11 students at Al Basyariyah Pilangkenceng Senior High Vocational School. With using learning media, the aim is to improve student learning outcomes.

This research is a Quantitative Experimental research using the Tru Experimental Design method in the form of a Pretest-Posttest Control Design. This research was conducted in class 11 with a population of 81 students, with a sample of 50 students, 24 students in class 11 Mechanic 03 as the Experiment class, and 26 students in class 11 Mechanic 01 as the Control class. The sampling used is Systematic Random Sampling (group samples) carried out systematically in this population. The method used is a data collection method using a test (posttest) and an analysis method using the IBM SPSS V27.0 program.

Data processing carried out by researchers can saw conclusions on the learning outcomes of Islamic Education seen from the results of the posttest between the two classes studied, namely the two class groups which obtained an average score in the experimental class, namely 89.58, while the control class obtained an average score of 78.85. From the results of the data that has been tested, it is proven that the mean value is 89.58 (Experimental Class) > 78.85 (Control Class). Strengthened by the results of the Hypothesis test using the Mann Whitney U Test. This test was used because the normality test was not achieved in the data analysis requirements. The results of the statistical hypothesis test state that the significance value (Sig 2 Tailed) is $0.000 < 0.05$, then H_0 is rejected and H_1 is accepted, so it can be concluded that the use of Smart Windows Puzzle learning media has an effectiveness on Islamic Education learning outcomes.

From the research results, it is hoped that: (1. For teachers as educators at Al Basyariyah Pilangkenceng Senior High Vocational School, they can become a reference in creating innovative ideas in learning and also evaluation of Islamic Education learning activities and student learning outcomes. (2. For schools, it is hoped that they will pay more attention to the evaluation of teaching and learning activities for each material and especially the importance of integrating Islamic Education subjects as important as scientific subjects in Senior High Vocational Schools.

Keywords: *Learning Outcomes, Islamic Education, Smart Windows Puzzle.*

DECISION OF THE SUPERVISOR

Honorable,
Dean of Faculty of Tarbiyah
University of Darussalam Gontor
Ponorogo

*Bismillahirrahmanirrahim,
Assalamu 'alaikum Wr. Wb.*

Its My honor to present the thesis written by:

Name : Megan Wicaksono

Student Number : 412020111087

Title : Effectiveness Of Smart Windows Puzzle Learning Media On
Islamic Education Learning Outcomes in Grade 11 Student of Senior High Vocational
School Al Basyariyah Caruban.

I declare this thesis has been processed and corrected to fulfill the requirment for
degree of licentiate in the Faculty of Tarbiyah. Therefore, I request the thesis could be
soon.

Wassalamualaikum Wr. Wb.

Ponorogo, 26 Sya'ban 1446 H

25 February 2025 M

Supervisor,



Dr. Agus Budiman, M.Pd.

DECISION OF DEAN FACULTY OF TARBIYAH

*Bismillahirrahmanirrahim,
Assalamu'alaikum Wr. Wb.*

The Faculty of Tarbiyah, University of Darussalam Gontor, Ponorogo, Indonesia
has received a thesis written by :

Name : Megan Wicaksono
Student Number : 412020111087
Title : Effectiveness Of Smart Windows Puzzle Learning Media On
Islamic Education Learning Outcomes in Grade 11 Student of Senior High Vocational
School Al Basyariyah Caruban.

In partial fulfillment of the requirment for the degree of Licentiate in Islamic
Education Department in the Faculty of Tarbiyah, academic year 1446-1447 H / 2025-
2026

Wassalamualaikum Wr. Wb.

Ponorogo, 09 Ramadhan 1446 H

09 March 2025 M

Dean of Faculty of Tarbiyah



Dr. Agus Budiman, M.Pd.

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DECISION OF THE TEAM

*Bismillahirrahmanirrahim,
Assalamu'alaikum Wr. Wb.*

The committee of the thesis examination in partial fulfillment of the requirement for the degree of Licentiate in Islamic Education in the Faculty of Tarbiyah, University of Darussalam Gontor, Indonesia, declared that the thesis written by:

Name : Megan Wicaksono
Student Number : 412020111087
Title : Effectiveness Of Smart Windows Puzzle Learning Media On
Islamic Education Learning Outcomes in Grade 11 Student of Senior High Vocational
School Al Basyariyah Caruban.

Had been examined on 09 March 2025 M

The board of examiners has decide to grant him passed in the thesis examination. Hence, he is eligible to be awarded the degree of Licentiate in Islamic Education in the Faculty of Tarbiyah.

Wassalamualaikum Wr. Wb.

Ponorogo, 09 Ramadhan 1446 H

09 March 2025 M

Supervisor,



Dr. Agus Budiman, M.Pd.

1. Assoc. Prof. Dr. Ihwan Mahmudi, M.Pd

2. Zuhrotul Mufidah, M.Pd



STATEMENT OF ORIGINALITY

*Bismillahirrahmanirrahim,
Assalamu'alaikum Wr. Wb.*

Hereby,

Name : Megan Wicaksono

Student Number : 412020111087

Faculty : Tarbiyah

Title : Effectiveness Of Smart Windows Puzzle Learning Media On
Islamic Education Learning Outcomes In Grade 11 Student of Senior High Vocational
School Al Basyariyah Caruban.

I declare sincerely that this thesis originally belongs to my own work and does not belong to other researchers for different degree. Furthermore, this thesis is not a work published before, except some parts with their original references.

Otherwise, if it is found that this thesis contains plagiarism, I'm ready to be ceased academically.

Wassalamualaikum Wr. Wb.

Ponorogo, 26 Sya'ban 1446 H

25 February 2025 M

Researcher,



Megan Wicaksono

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MOTTO

Success is 10% Inspiration and 90% Practice

(Albert Einstein)

Fortis Fortuna Adiuvat

(John Wick)

The entire environment grow in response to the energy you supply

(Qur'an Law of Attraction)

GUIDANCE OF THE QUR'AN

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

أَيُّهَا النَّاسُ إِنَّا خَلَقْنَاكُمْ مِنْ ذَكَرٍ وَأُنْثَىٰ وَجَعَلْنَاكُمْ شُعُوبًا وَقَبَائِلَ لِتَعَارَفُوا إِنَّ أَكْرَمَكُمْ عِنْدَ اللَّهِ أَتْقَاكُمْ إِنَّ اللَّهَ عَلِيمٌ خَبِيرٌ

O humanity! Indeed, We created you from a male and a female, and made you into peoples and tribes so that you may (get to) know one another. Surely the most noble of you in the sight of Allah is the most righteous among you. Allah is truly All-Knowing, All-Aware

(Q.S. Al Hujurat 49:13)

وَمِنْ آيَاتِهِ خَلْقُ السَّمَوَاتِ وَالْأَرْضِ وَاخْتِلَافُ أَلْسِنَتِكُمْ وَالْوُجُوهِ إِنَّ فِي ذَلِكَ لَآيَاتٍ لِلْعَالَمِينَ

And one of His signs is the creation of the heavens and the earth, and the diversity of your languages and colours. Surely in this are signs for those of (sound) knowledge.

(Q.S. Ar-Rum 30:22)

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DEDICATION

With full infinite gratitude for Allah, the creator of the universe, I dedicate this
thesis to :

My beloved and dearest parents,

Mr. Ruskan and Mrs. Wiwik Megawati

Special person in my life, who always gives me support and never stops praying
for me, whose love for me will never be enough and who has always guiding,
directing, reminding, and raising my heart.

Thanks for being an encouragement in working on this thesis.

And also for my greatest supervisor

Mr. Agus Budiman, M.Pd.

Who always been a mentor And also always takes
care of me, and gives me full support in full-filling my thesis.

The most honorable and respectful

All lecturers of the Islamic Education Department

I have received a lot of attention,
guidance, experiences and knowledge from them.

The most unforgettable supportive team,

All students of the Islamic Education Department 2020

Who always reconciled every struggling with all the effort and prayer. Through
togetherness and memories, she learned a lot of things about life, and built
ourselves
into the best version

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بسم الله الرحمن الرحيم

In the name of Allah, the beneficent, the merciful, praise be to Allah, Lord of the universe. By the mercy, blessing and help of Allah SWT only, the writer could accomplish the writing of this humble thesis. Peace be upon our prophet of Islam, Muhammad SAW, and family, companions, and his followers. Because he had brought us from distinction into safety that is the right path of Allah.

This thesis was written as a partial fulfillment of the requirement for S-1 program at the University of Darussalam Gontor (UNIDA), I wrote a thesis with the title :

“Effectiveness of smart windows puzzle learning media on islamic education learning outcomes in grade 11 student of senior high vocational school al basyariyah caruban”.

In completing this thesis, the researcher had encountered some difficulties, especially in collecting and analyzing data and the researcher also realized that this thesis would not be finished without much help from some people around her directly and indirectly. Additionally, the researcher would like to extend his great gratitude due to:

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instruct us, may Allah lighten their steps in carrying out the mandate at the University of Darussalam Gontor.

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6. Special mention is due to my beloved parents, I dedicate all my struggles up to this point to the two most valuable people in my life. Because of you too, life feels so easy and full of happiness. Thank you for always keeping me in your prayers and letting me pursue my dreams, whatever they may be. May Allah grant all your prayers.

The researcher knows that this thesis is still far from complete. So, she would be pleasure to accept some critics and advice for this thesis. Finally, the researcher hopes this thesis would be useful for the readers.