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Savira's Magical Body Pop-Up Book

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Abstract: *Savira's Magical Body Pop-Up Book is an interactive educational tool designed for elementary school students to explore the fascinating world of body parts while enhancing their English language skills. This engaging pop-up book features vibrant visuals and three-dimensional elements that captivate young learners and make the learning process enjoyable and effective. Each page contains dynamic pop-up illustrations of different body parts, beginning with a full-length view of the human body, and is accompanied by interactive exercises that promote active participation. The structured content includes an introduction to the human body, detailed explorations of the head, upper body, and lower body, along with interactive labeling activities. Research supports the effectiveness of multisensory approaches in improving retention and understanding, making this book a holistic learning experience. By employing various interactive strategies and activities, students can visualize, label, and engage with the material, ultimately fostering a deeper understanding of their bodies and the related vocabulary.*

Keywords: *Learning Media, Pop-Up Books, Parts of the Body*

Abstrak: Buku Pop-Up Tubuh Ajaib Savira adalah alat pendidikan interaktif yang dirancang untuk siswa sekolah dasar untuk menjelajahi dunia bagian tubuh yang menakjubkan sambil meningkatkan keterampilan bahasa Inggris mereka. Buku pop-up yang menarik ini menampilkan visual yang hidup dan elemen tiga dimensi yang memikat pelajar muda dan membuat proses pembelajaran menyenangkan dan efektif. Setiap halaman berisi ilustrasi pop-up dinamis dari berbagai bagian tubuh, dimulai dengan tampilan tubuh manusia secara keseluruhan, dan disertai dengan latihan interaktif yang mendorong partisipasi aktif. Konten terstruktur mencakup pengenalan tubuh manusia, eksplorasi terperinci tentang kepala, tubuh bagian atas, dan tubuh bagian bawah, bersama dengan aktivitas pelabelan interaktif. Penelitian mendukung efektivitas pendekatan multisensori dalam meningkatkan retensi dan pemahaman, menjadikan buku ini pengalaman belajar holistik. Dengan menggunakan berbagai strategi dan aktivitas interaktif, siswa dapat memvisualisasikan, memberi label, dan terlibat dengan materi, yang pada akhirnya menumbuhkan pemahaman yang lebih dalam tentang tubuh mereka dan kosakata terkait.

Kata Kunci: Media Pembelajaran, Buku Pop-Up, Bagian-Bagian Tubuh

Introduction

Introduce young learners to the fascinating world of body parts with Savira's Magical Body Pop-Up Book. Designed for elementary school students, this enchanting book combines vibrant visuals and three-dimensional elements to make learning English fun and effective. Each page features dynamic pop-up elements that captivate students' attention and facilitate their comprehension of body parts. This pop-up book not only educates about basic anatomy but also fosters a deeper exploration of the human body. Recent research has shown that children with a good understanding of their bodies tend to have higher self-esteem and better mental health [1]. Studies have also found that children who engage in interactive learning are more likely to retain information over time [2]. The interactive

elements in pop-up books significantly enhance student engagement and comprehension, making learning both enjoyable and effective [3]. Engaging illustrations help students visualize and retain the names and functions of body parts effectively [4]. Each section includes interactive exercises that encourage children to participate actively, enhancing vocabulary retention [5]. Furthermore, active engagement in learning can lead to improved academic performance [6]. Interactive learning tools engage young minds and make the educational experience more enjoyable. The book's comprehensive structure features a cover page, an introduction to the human body, detailed explorations of the head, upper body, and lower body, interactive labeling activities, and reinforcement exercises. Additionally, multisensory learning approaches can significantly improve retention and understanding [7]. Utilizing multisensory approaches, such as pop-up books, transforms traditional learning into an immersive experience that captivates young learners [8]. By incorporating recent research and references, Savira's Magical Body Pop-Up Book enriches English language learning and provides an immersive experience for young learners exploring the human body.

Methodology

This study employed a **Research and Development (R&D)** approach aimed at developing an instructional medium called **"Savira's Magical Body Pop-Up Book"** to facilitate English vocabulary learning related to body parts for young learners. The product was designed as an interactive three-dimensional (*pop-up*) book to enhance children's engagement, motivation, and understanding of human body concepts through visual and hands-on learning experiences.

The research process consisted of several stages: **(1) needs analysis**, which identified the necessity for attractive and age-appropriate learning media for young children; **(2) product design**, involving the preparation of a pop-up book containing sections on the human body, head and face, upper body, lower body, and interactive assessment activities; **(3) product development**, which focused on creating a three-dimensional educational book equipped with illustrations, labels, interactive flaps, and vocabulary exercises; and **(4) product implementation**, where the book was integrated into English language learning activities through structured teaching instructions.

The target users of the product were early childhood learners and elementary-level students who were learning English vocabulary related to body parts. Data were collected through literature review and the application of theories related to active learning, multisensory learning, and interactive instructional strategies. The developed product consisted of several sections, including a cover page, an introduction to the human body, head and face, upper body, lower body, interactive exercises, and a closing activity page that allowed learners to label body parts independently.

Data analysis was conducted using a **descriptive qualitative approach** to evaluate the appropriateness of the content, usability of the product, and its relevance to early childhood learning principles. The findings indicated that **Savira's Magical Body Pop-Up Book** serves as an engaging and interactive learning medium that supports the acquisition of body-part vocabulary through observation, direct practice, discussion, and interactive

assessment activities, thereby promoting active participation and meaningful learning among young learners.

Result and Discussion

Cover Page:

1. Colorful and inviting design featuring a playful illustration of the human body.
2. Title: "Savira's magical Body Pop-Up Book"
3. Welcome Phrase: "Let's Explore the Human Body!"

Picture 1 Cover Page

Page 1: Introduction to the Human Body

1. Full-length pop-up illustration of the human body.
2. Labels for major parts like "Head," "Hand," "Stomach," and "Foot"
3. Introductory text: "This is the human body. Let's learn about its parts!"

Picture 2 Page 1: Introduction to the Human Body

Page 2: Head and Face

Additionally, there are images that demonstrate the five senses. This multisensory concept has been proven effective in enhancing children's understanding of the world around them [9].

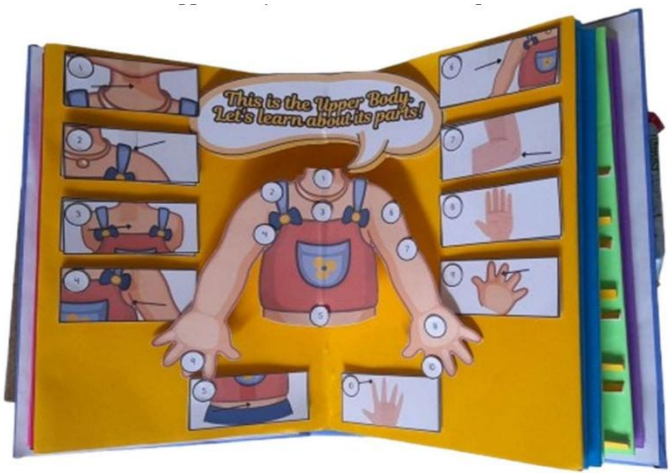
1. Full-length pop-up illustration of the Head and Face.
2. Some parts are labeled with numbers and pictures that can be opened to reveal the names of the parts of the head and face.
3. Introductory text: “This is the Head and Face. Let’s learn about its parts!”

Picture 3 Page 2: Head and Face

Page 3: Upper Body

A simple illustration of the systems in the upper body can help children understand the importance of health for their bodies. Research has shown that early understanding of health can shape healthy lifestyle habits in the future [10].

1. Full-length pop-up illustration of the upper body.
2. Some parts are labeled with numbers and pictures that can be opened to reveal the names of the parts of the upper body.
3. Introductory text: “This is the Upper Body. Let’s learn about its parts!”



Picture 4 Page 3: Upper Body

Page 4: Lower Body

This section also includes images that show different types of movements that the legs can do, such as walking, running, and jumping. This kinesthetic concept is essential for children's motor development [11]

1. Full-length pop-up illustration of the lower body.
2. Some parts are labeled with numbers and pictures that can be opened to reveal the names of the parts of the lower body.
3. Introductory text: "This is the Lower Body. Let's learn about its parts!"

Picture 5 Page 4: Lower Body

Page 5: Test and Activity

1. Picture of a human body with several labels to match.
2. Exercise: "Match the names with the pictures."

Picture 6 Page 5: Interactive Activity

Closing Page: Interactive Activity

1. Blank area for students to label or name body parts.
2. Instructions: “Label the body parts.”

Picture 7 Closing Page: Test and Activity

Conclusion

Integrating pop-up book into English lesson plans can be done in several creative ways, serving as an interactive tool for hands-on demonstrations of body parts and helping students engage with new vocabulary. Using the pop-up book facilitates active learning and student engagement, which are essential for understanding new concepts [12]. This book acts as a bridge between theory and practice, allowing students to grasp concepts in a fun and interactive manner. Here is a step-by-step guide for using a pop-up book to teach body parts:

1. Preparation:
    a. Set Up: Ensure the pop-up book is in good condition and that the classroom is arranged so all students can see the book clearly.
    b. Introduce the Lesson: Explain to students that they will be using a pop-up book to learn about body parts. Show them the cover page to pique their interest.
2. Cover Page:
    a. Activity: Display the colorful cover page of the pop-up book, read aloud the title like "Learn the Body Parts," and the welcoming phrase "Let's Explore the Human Body!"
    b. Discussion: Ask students what they know about the human body to activate prior knowledge and set the stage for the lesson.
3. Page 1: Introduction to the Human Body:

a. Activity: Open the pop-up elements to reveal the full-length human body, pointing out and naming major parts (head, arms, stomach, and foot).
b. Description: Read the introductory text, e.g., "This is the human body. Let's learn about its parts!"
c. Engagement: Ask students to identify these body parts on themselves, e.g., "Can you touch your head?" or "Show me your foot."

4. Page 2: Head and Face:
   a. Activity: Open the 3D pop-up head to reveal several parts labeled with numbers and pictures that can be opened to reveal the names of the head and face parts.
   b. Description: Explain each feature with phrases like "These are the eyes, nose, mouth, and ears. They help us see, smell, taste, and hear."
   c. Interactive Exercise: Have students perform actions related to the features, e.g., "Point to your eyes" or "Show where your nose is."
5. Page 3: Upper Body:

   To reinforce the understanding of the respiratory system, have students do a simple experiment like blowing up a balloon. This activity is not only fun but also helps them feel the respiratory process firsthand [13]
   a. Activity: Open the 3D upper body pop-up to reveal several parts labeled with numbers and pictures that can be opened to reveal the names of the upper body parts.
   b. Description: Read the description, e.g., "Here are the stomach, chest, and arms. The arms help us hold and move things."
   c. Interactive Exercise: Invite students to "Touch your chest" or "Move your arms up and down."
6. Page 4: Lower Body:

   After discussing different types of movement, ask students to create a simple dance that involves the whole body. This activity can improve coordination and creativity in children [14].
   a. Activity: Open the 3D lower body pop-up to reveal several parts labeled with numbers and pictures that can be opened to reveal the names of the lower body parts.
   b. Description: Read aloud, e.g., "The stomach, hips, and legs help us stand and move."
   c. Interactive Exercise: Prompt students with "Touch your stomach" or "Show your legs."
7. Page 5: Test and Activity:
   a. Activity: Open the page featuring a human body with several pictures to label with names.
   b. Description: Provide exercises like "Match the names with the pictures" to reinforce knowledge.
   c. Discussion: Review the answers with the class and address any remaining questions.
8. Closing Page: Interactive Activity:

Ask students to create a short comic that tells the story of the human body's adventures. This activity can enhance storytelling and imagination in children [15].

a. Activity: Present a blank area for students to label or name the body parts.
b. Description: Instruct students to "Label the body parts" to practice their new vocabulary.
c. Engagement: Walk around to assist and encourage students as they work on labelling.

9. Review and Reflection:
   a. Summary: Recap the body parts covered and highlight how the pop-up book helped in understanding them.
   b. Feedback: Ask students to share what they liked about the pop-up book and what they learned from it.

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