

APB Rembau e-Bulletin

e-ISSN: 2682-776X

Edition: 12/2023

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March to October 2023

**Affordable “Do-It -Yourself” Learning
Tools For Learning “Human
Reproductive System”**

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In today's fast-paced world, acquiring new skills and knowledge are essential for personal growth and professional development. However, the cost of education and learning aids can often deter individuals from pursuing their educational goals. Fortunately, there are numerous low-cost and highly efficient learning aids available that can empower learners without burdening their wallets. In this article, we will provide an illustration of one of best and most reasonably priced learning tools that will boost learners' performance in their sixth-year science course at the primary school level on the human reproductive system. For this science topic, we choose to create a "Do-It -Yourself" educational projects or known as DIY.

DIY Educational Project

We use items that are affordable, simple to recreate, and could be used outside of the classroom. Here, we detail each component used and its cost (refer to Table 1) so that you can see what are needed and can try to make the learning tools by yourself.



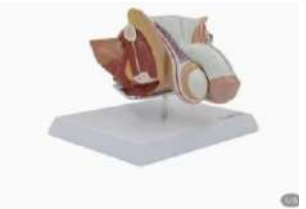

Table 1 Items and price used to create the models

Items	Items & Price (per unit)	Photo/ Diagram
Water plastic bottle	Recycle or RM 0.50	
Plasticine clay	RM 1.50	
Plastic tubing 38 cm	RM1.00	
2 Linear connectors	RM0.20x 2 = RM0.40	
2 “T” Connectors	RM 0.40 x 2 = RM 0.80	
2 Latex ballons	RM 0.20 x 2 = RM 0.40	
Total cost	RM 4.60	

By combining all of the components, we can design a model of male and female human reproductive organs as a teaching aid for learning science in a visually appealing way. The models of the organs are shown in Table 2. By using the suggested materials, we can create two models – male and female reproductive organs for only RM4.60. Hence, the average cost is approximately RM2.30 per

model. This option is highly cost-effective when compared to learning tools that are already available in the market, which cost RM 47.22 per unit for the female reproductive organ model and RM 401.00 for the male reproductive organ model, as shown in Table 2..

Table 2 Models of human reproductive organ

<p>Commercial Model of Female Reproductive Organ</p>	<p>DIY Model</p>
 <p><small>Voucher Applied</small> RM47.22 <small>RM114.46 -57%</small> 1:1 Human Female Uterus Ovary Fallopian Tubes Model Anatomical Human Anatomy Model Teaching Tools</p>	
<p>Commercial Model of Male Reproductive Organ</p>	<p>DIY Model</p>
 <p>RM401.00 <small>RM623.00 -35%</small> 1:1 Life Size Structural Anatomy Model Of Human Male Genitourinary System Medical Model STEM Toys Learning Education</p>	

to previously learned and stored information.

In conclusion, DIY learning aids are efficient and empowering tools that can engage learners in learning science.. Whether you are seeking to acquire new skills, deepen your knowledge, or pursue a passion, the DIY approach offers flexibility, affordability, and active engagement. By harnessing DIY learning aids, you can unlock your potential and embark on a lifelong journey of self-directed learning.

Therefore, we believe that students can use the learning tools to engage in the first level of knowledge acquisition tasks, which include seeing, experiencing, reading, observing, and connecting new information