

**REPOSITORY OF INNOVATIVE PRODUCTS (RIP)
FOR INSPIRATION IN EDUCATION DESIGN
[CATEGORY: PRIMARY SCHOOL*]**

THE SPINNING RIPPLE

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Product Description

Spinner Ripple is a product design specifically to help student who has the disabilities in their psychomotor skills. This product is base emphasizing on multi-sensory that derive the understanding visual, auditory, kinetics and tactile (VAKT). Psychomotor skills enable to develop student skills. It is very convent product as it is also uses recycle material. Which is healthy green environment. Easy to make and the price is very affordable. This will help the teacher to be more creative on implementing the learning session in the classroom.



Figure 1 : The Spinning Ripple



Figure 2: Procedural method Spinning Ripple

The figure 1 above shows the actual complete product of the spinning ripple, Figure 2 shows the process of implementing the spinning ripple.



Figure 3

Figure 3 shows how is this spinning ripple is used by the students

Product Benefit

Studies have been made within the classroom to observe the suitability of this product. Material of the product had been tested in the classroom to acknowledge educators there is possible chance to make some intervention to help disabilities children. Special children who has the inability can do some activities from tracing from flour into forming some shape. The unique about the shape is that there can be any shape leaves, square, round etc. The shape is easily to trace and make it easy for them to use.

The table bellows shows conducted pilot studies in Sekolah Kebangsaan Taman Daya 2. It is considered 7 points below needs improvement 8 points above considered good

Table 1: Result on the disabilities children psychomotor skills before using spinning ripple

The sample	Tracing	Sketches	Condition	
			before	after
Children A	Poor	Poor	5point	6point
Children B	Poor	Poor	5point	4 point
Children C	Poor	Weak	5point	4 point
Children D	Weak	Weak	4point	4 point

Table 1: Result on the disabilities children psychomotor skills after using spinning ripple

The sample	Tracing	Sketches	Condition	
			before	after
Children A	Good	Good	9point	9point
Children B	Good	Good	8point	9point
Children C	Good	Good	8point	9point
Children D	Good	Very Good	8 point	9point

As the result show above there are 4 students involve in the pilot studies who has disabilities with their psychomotor skills. It is shown that with the product tested started with dough

combination on safe ingredient student eventually slowly develop their skills using their hand that can adapt their changes abilities. to use their hand to kept the learning process.

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