

Development of Additional Skill Toy from dust mite defending Fabric.

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Abstract

The objective of this research is to develop the additional skill toy from dust mite defending fabric. There are categories into three products :

1) Non decorated dust mite defending Fabric 2) Printed cartoon of dust mite defending Fabric 3) Covered colorful cloth of dust mite defending fabric. It can be divided into 3 patterns of this product : 1) the geometric style (triangle, square, hexagon), the ring toss style and the jigsaw style.

The findings of this research were as follow :

In term of children between 2-6 year old they like the covered colorful cloth of dust mite defending Fabric and they choose mostly the ring toss style, followed by the printed cartoon of dust mite defending Fabric and the ring toss style.

In term of parents group have never seen this product and they think that the using material is suitable. Besides, they prefer the geometric style in vibrant colors for decorating the printing method and covered colorful cloth of dust mite defending fabric as well as the choosing product should realize the important health. Moreover, they prefer very much the decoration of printed cartoon of dust mite defending fabric in the ring toss. In case of product, they prefer the geometric about size, style and suitability.

In term of general interested people group have never seen this product and they think that the using material is suitable. Besides, they prefer the jigsaw style in vibrant colors for decorating the printing method. Moreover, they prefer the decoration of covered colorful cloth of dust mite defending fabric in the geometric style. In case of product, they prefer the geometric about size, style and suitability..

Key words: dust mite defending fabric

1. Introduction

The principles of children development are the environment or the children experience to promote the development to learn such as the body, the intelligence, emotion, and social and play help the sensation of the children because the natural children have the body movement and the other organs to play. The children are active and practice in linking with other organs such as hand and eye take the objects, sensation and muscle. Toys help them to develop them self such as Suspension, soft machine blocks fabric, a ring, a toy, a soft ball, a cloth doll, hand robot, because toys are important to develop the children in many ways. They made from many materials, many pattern and many useful which may be come from natural or artificial design. However, They are safety for using the materials to product toys because today in Thailand is 10-15% of dust mite asthma and 23-30 % of rhinitis, The results are the most the allergy which increase every year. It was found in children more than the adults. Dust mites are causing the allergy when inhalation mite the exhalation form the bed. The habitat of mite in homes are blankets, bed, pillows, cloth toys and dolls etc. The protection method is used Dust mite defending fabrics to cover the bed and pillows but they do not use to the other products.

Therefore, the researchers interested in developing products. They help to promote the development and growth of children for safety from danger and make the value of products. It guide manufacturers and consumer to manage and plan the commercialization of the economy.

The objective of the project :

Develop products are made from Dust mites defending Fabric to promote child development and made the value products.

Definition of terminology :

Dust mite defending fabric mean application materials which is small pore size than mite that is used for covering beds to protect them to touch the bodies. It reduces the dust mite allergens from mite.

2. Materials and Methods

This research is applied research that has taken the following steps.

- Study the related Theory and research.
- Study and 5 design pattern products and choose 3 models by examining from the expert.
- Set the target population and the sampling.
- A tool used in research.
- Implementation the work plan and collecting the data.
- Analyze the datas.
- Collect and comply the analyze datas .
- Report the research.

The target population and sampling in this study are a group of children aged 2-6 years (100 people) by Sampling method almost 100 groups parent groups and interested public groups 100 persons by Accidental Sampling method.

Equipment used in research :

There are 3 types of skilled Toys products from dust mite defending Fabric each type have 3 styles as follows.

Type1. Non decorated dust mite defending Fabric.

Type2. Printed cartoon of dust mite defending Fabric.

Type3. Covered colorful cloth of dust mite defending Fabric.

Ring toss for phase shift of eyes and hands to throw in it actively and accurately. It can play with friends.

Style 1

Geometric skilled toys dust mite defending Fabric has a bell inside the product for practice its hand muscles, notice the shape and size, phase shift of the eye related with hands and arms in throwing, rolling and concentration attention to the sound of shaking.



Type.1



Type.1



Type.2



Type.2



Type.3

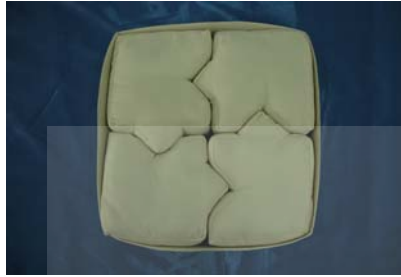


Type.3

Style 3

Floors with bell inside the product Jigsaw. Skill toys for children notice, compare, intergrated training ideas by bringing the parts of images sort splice to engender the picture. The children are the pride and attention to the sound of shaking.

Style 2



Type.1



Type.2



Type.3

The opinions they love printed decoration, printed cartoon of ring toss the average 3.50, SD = 0.503

Overview they like geometric skilled like average 3.50, SD = 0.503

3. The interested people group

- They mostly never seen them for 73%
- They think that are suitable materials for products 97%
- They like jigsaw 42 percentage
- They like vibrant colors 41 percentage
- They like printed 35 percentage

The decorative products found that they like Geometric colorful cloth covering external 3.6, SD = 0.492. They overview that they love geometric in size, pattern and suitable 3.59, SD = 0.494

Activity shown by picture.



3. Results and discussion

The Evaluation are 3 categories as follow

1. Group of children aged 2-6 years.

- The assessors 37 percentage love the colorful cloth covering external products. They choose the ring toss style most for 50 %
- Second they choose printing cartoon for 35 % choose the ring toss style for 48%.

2. Parent assessors group

- The mostly assessors never seen these products for 78%
- They agree to use the materials for 100%
- They like geometric 36 percentage.
- They like vibrant colors 33 percentage.
- They like the printed and colorful cloth covering external 28 percentage.



Criticism for the useful performance in this research from parent groups and interested people groups

1. Skill Toys dust mite defending Fabric should be variegated colors.
2. Skill Toys dust mite defending Fabric should be variegated size and many patterns.
3. Skill Toys dust mite defending Fabric should be special identities.
4. Development in skill toys dust mite defending Fabric need to apply in, pattern and variegated color for the international standard.

4. Conclusion

Suggestion for research in the future

1. Should be take dust mite defending fabric experiment the other product for health, dolls, bed children and car seat etc.
2. Should be study the property of sewing for dust mite defending Fabric.
3. Should be study the demand of the guidelines of business promotion.
4. Should be study the variety of format for promotion the knowledge to develop the next products.

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