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Grade: A 25.11

Class: P. 1 (J)

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Persistence of vision (視覺暫留)



Objective (目標)

Make a model to show the persistence of vision.

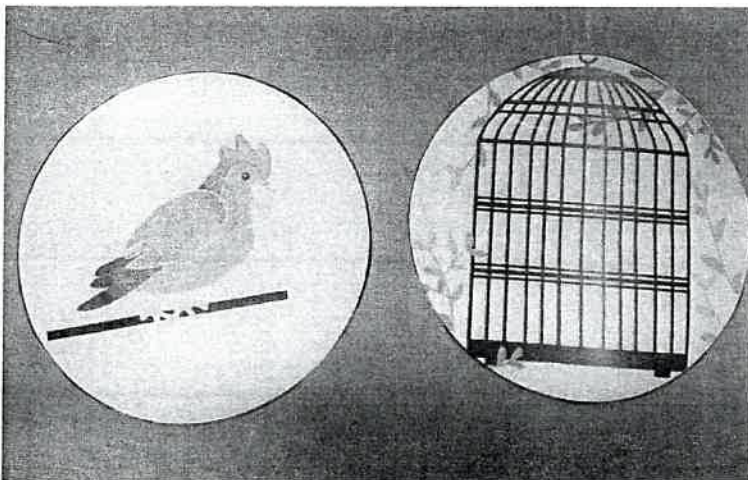
Preparation (準備)

Let's check the following materials:

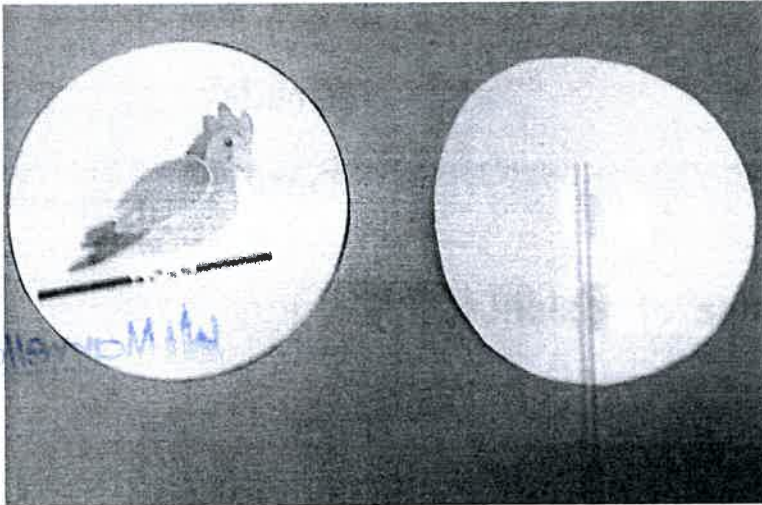
- 1 set of pictures (圖片)
- 1 straw (飲管)
- Tape (膠紙)

Part A: Let's start the experiment (實驗).

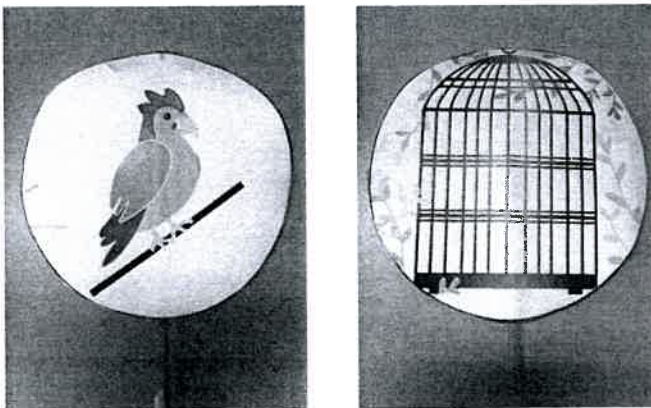
1. Choose a set of picture. (An animal (動物) and a background (背景))
2. Cut out the circles.



3. Stick(貼) a straw at the back(背面) of the picture.



4. Stick another picture onto the straw so that two pictures stick together(一起) perfectly.



Part B: Experiment result(實驗結果)

1. When we spin(轉動) the straw quickly(快速地), we can see
the bird is in the cage.

2. This is called(稱為) persistence of vision.

Part C: Reflection

What is the difficulty (困難) in the experiment? How did you solve (解決) it?

The difficulty is to fully understand the theory of the experiment.

It is being solved when teacher and my parents explain to me.

Part D: Vocabulary (Copy each word 3 times)



1. Persistence (持續) persistence

persistence

persistence

2. Vision (視覺)

Vision Vision Vision

3. Quickly (快速地)

Quickly Quickly Quickly

Self-evaluation (Put ✓ in the appropriate box)

1. Student self-assessment

Area	Objectives	Excellent	good	Work harder
Knowledge	Understand the characteristics of persistence of vision. (認識視覺暫留的特點)	✓		
	Understand the principle of experiment. (認識實驗原理)		✓	
Skills	Use suitable materials to make a model of persistence of vision. (能利用適當物料製作可顯示「視覺暫留」的模型)			✓
	Can tell why the persistence of vision works and think of improvements. (分析模型在操作上的問題，並構思改善的方法)	✓		
	Improve the design of the model. (有效改善模型的設計)		✓	
	Show your creativity. (展示設計心思和創意)			✓

Attitude	Accept other's opinions and show team spirit. (聽取和接納別人的意見，並充分表現合作精神)	✓		
	Make a good habit of working attitude pursuing truthfulness. (如實記錄實驗結果，養成求真求實的處事態度)	✓		
	Active participation. (主動參與及投入活動)			

2. Peer review

<input checked="" type="checkbox"/> Excellent (表現優異)	<input type="checkbox"/> Good (表現良好)	<input type="checkbox"/> Work harder (仍須努力)
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3. Parent's comments

<input type="checkbox"/> Excellent (表現優異)	<input checked="" type="checkbox"/> Good (表現良好)	<input type="checkbox"/> Work harder (仍須努力)
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4. Teacher's comments

Area	Objectives	Excellent	good	Work harder
Knowledge	Understand the characteristics of persistence of vision. (認識視覺暫留的特點)	✓		
	Understand the principle of experiment. (認識實驗原理)	✓		
Skills	Use suitable materials to make a model of persistence of vision. (能利用適當物料製作可顯示「視覺暫留」的模型)	✓		
	Can tell why the persistence of vision works and think of improvements. (分析模型在操作上的問題，並構思改善的方法)		✓	
	Improve the design of the model. (有效改善模型的設計)		✓	
	Show your creativity. (展示設計心思和創意)	✓		

Attitude	Accept other's opinions and spirit. Page 6 (聽取和接納別人的意見，並充分表現合作精神)	✓		
	Make a good habit of working attitude pursuing truthfulness. (如實記錄實驗結果，養成求真求實的處事態度)	✓		
	Active participation. (主動參與及投入活動)	✓		

End