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「Hi-FIVE[®] 寫前及書寫技巧訓練課程」

(第一階段: 理論與簡單篩檢及訓練活動設計)

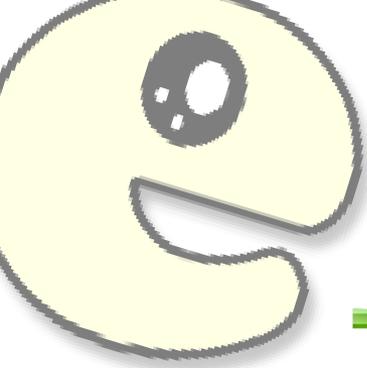
陳子文

Stephen Chan

一級職業治療師 Occupational Therapist I
書寫評估及訓練證書, Certified Handwriting Specialist
Irlen[®] Syndrome Diagnostician



Hi-FIVE 代表甚麼？



Handwriting 書寫 In



F inemotor 小肌肉



Irlen® Syndrome 光敏感

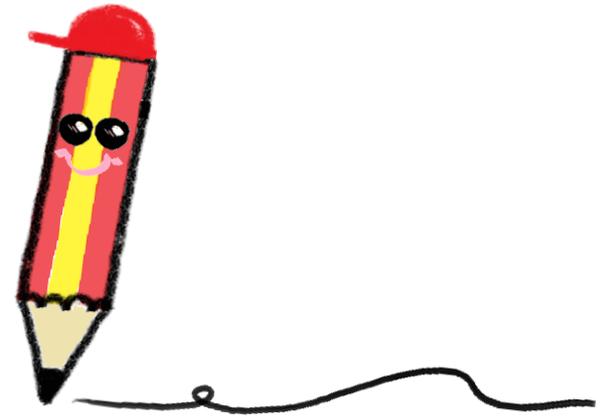
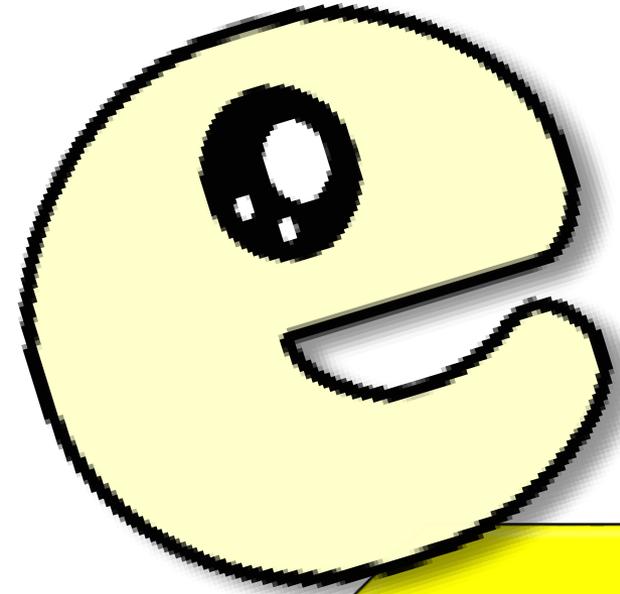


V isual PERCEPTION 視覺感知



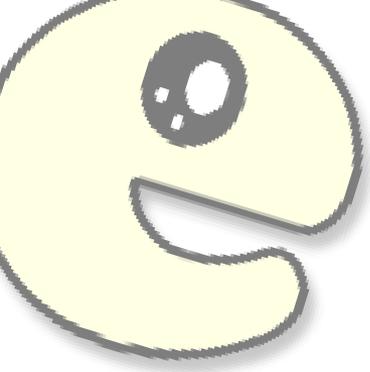
E ye Movement 眼球控制



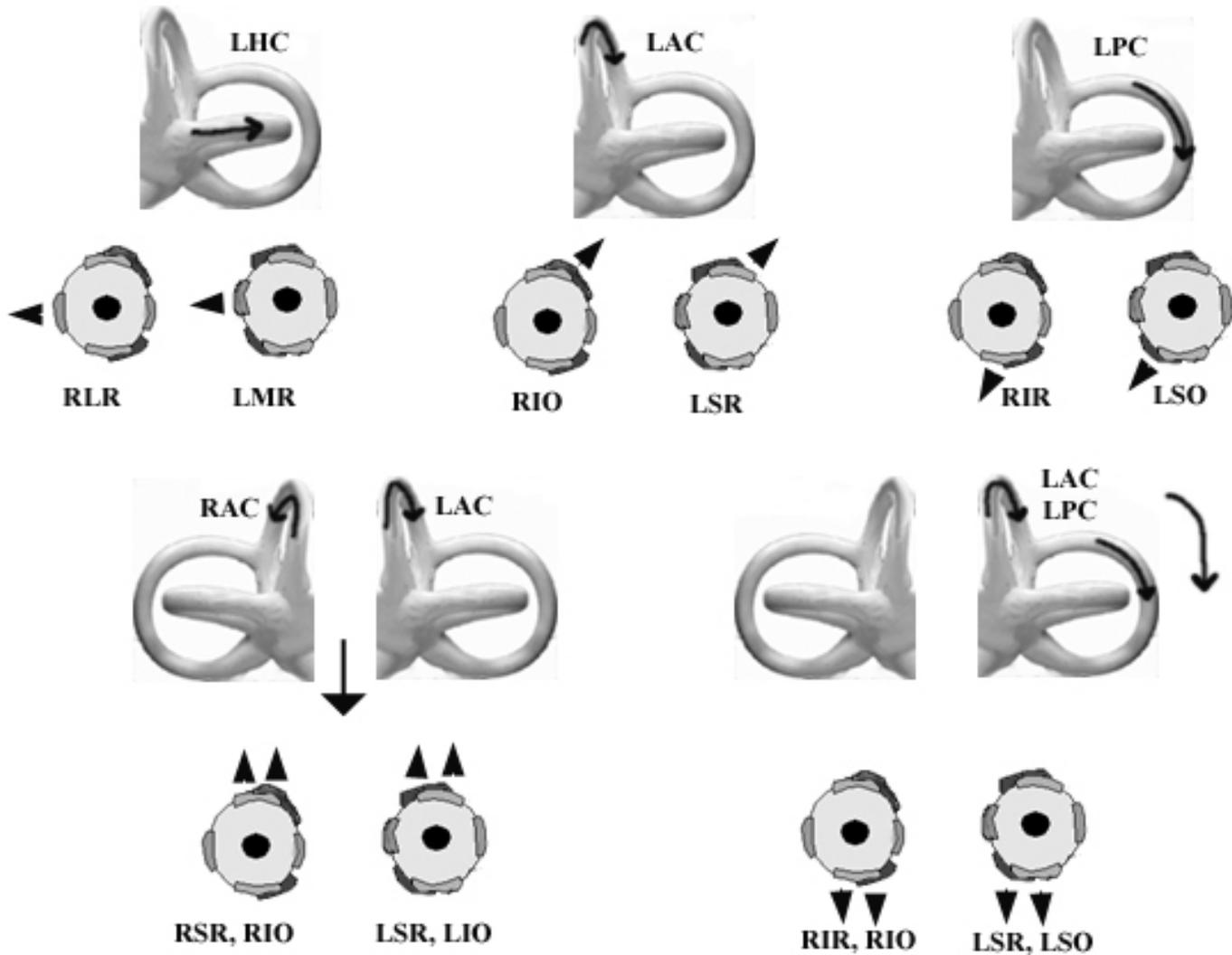


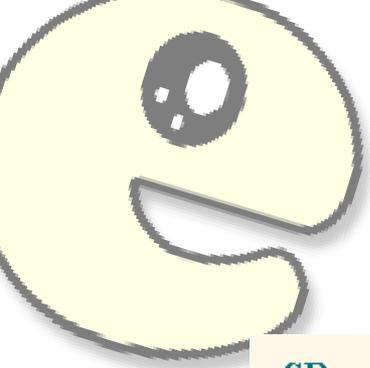
eye Movement 眼球控制

項目		情況	備註
追視	上 下	✓ 暢順	x
	右 左	✓ 暢順	x
	右下角 左上角	✓ 暢順	x
	右上角 左下角	✓ 暢順	x

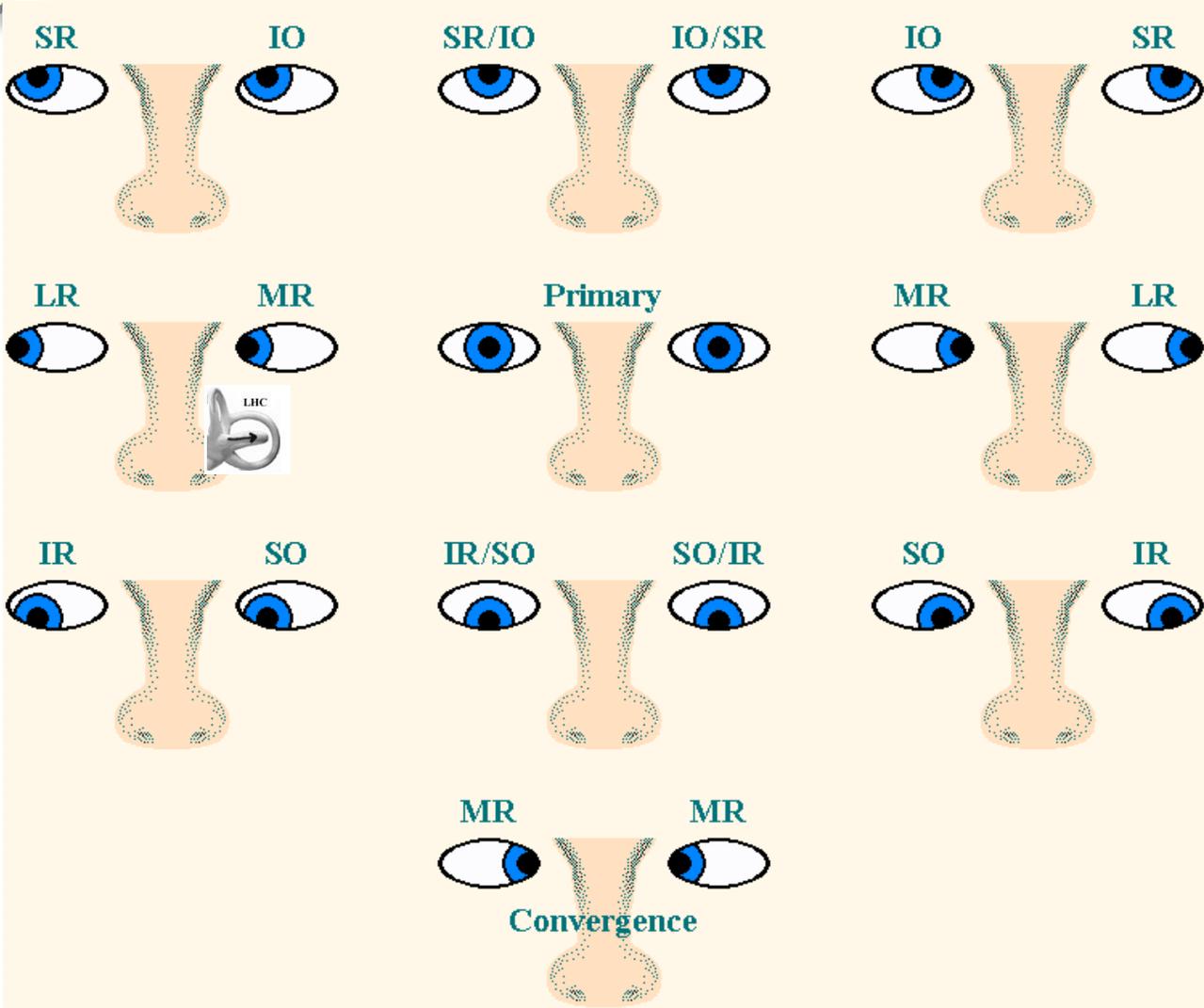


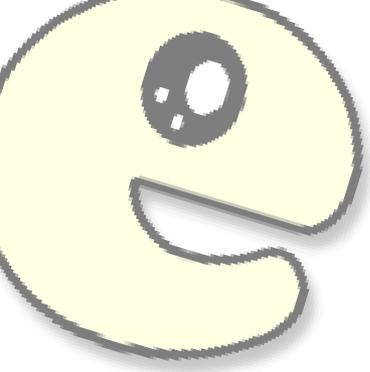
eye movement 眼球控制





eye movement 眼球控制





eye movement 眼球控制

CNs & Muscles That Control Extra Ocular Movements

LR- Lateral Rectus

MR-Medial Rectus

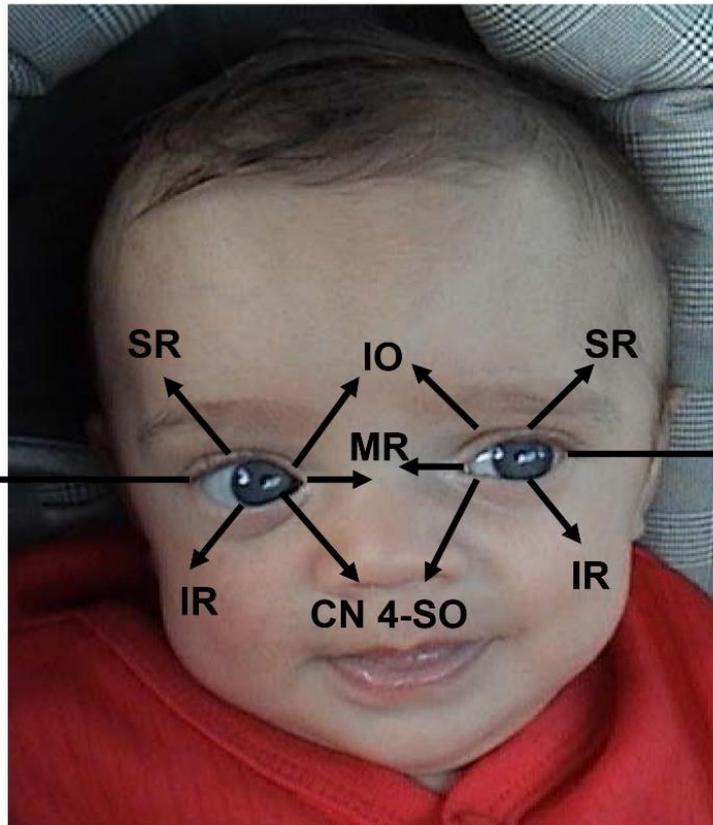
SR-Superior Rectus

IR-Inferior Rectus

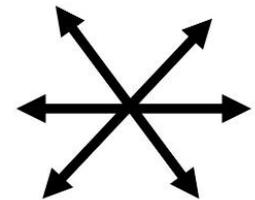
SO-Superior Oblique

IO-Inferior Oblique

CN 6-LR

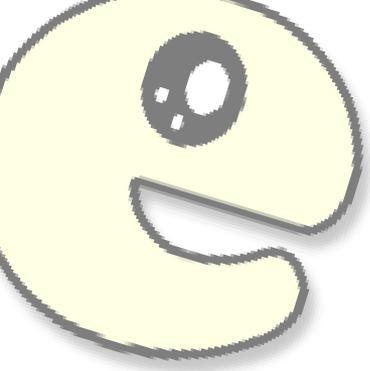


CN 6-LR

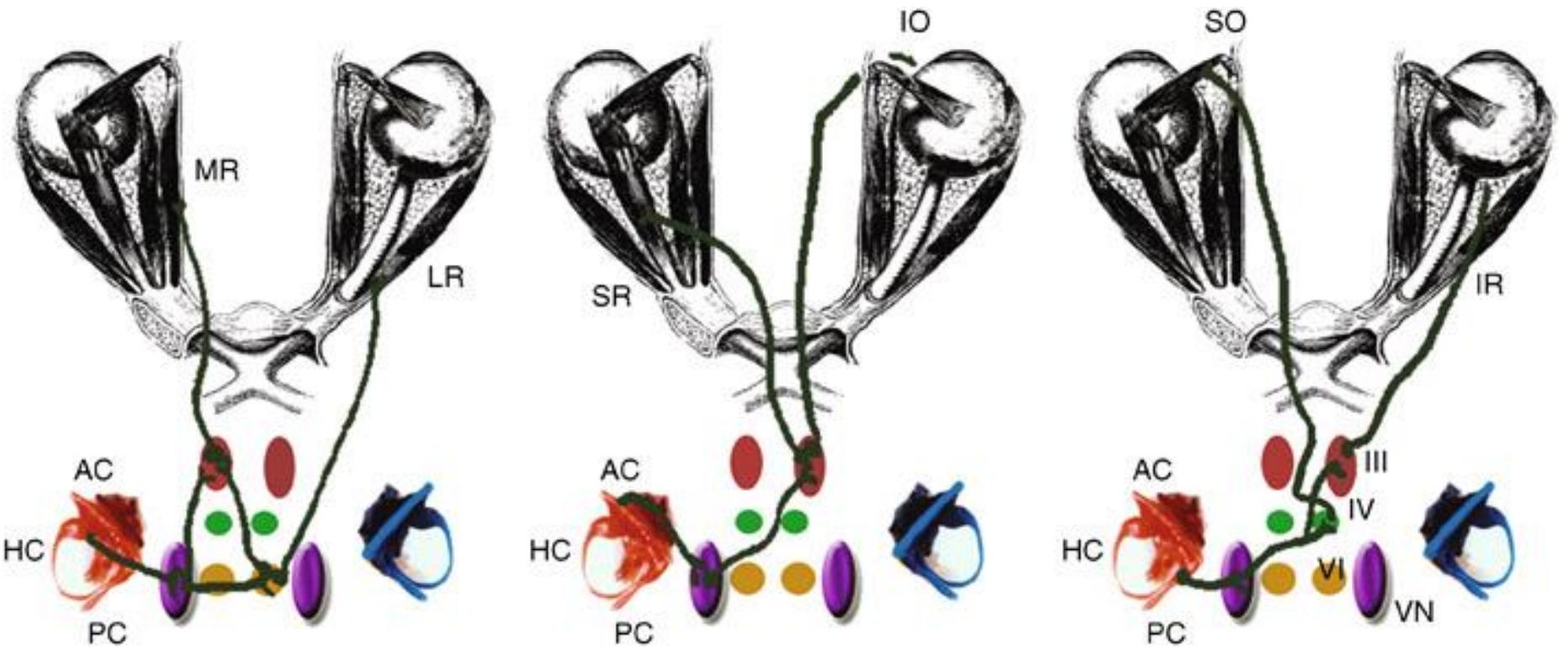


6 "Cardinal" Directions Movement

SO '4', LR '6', All The Rest '3'



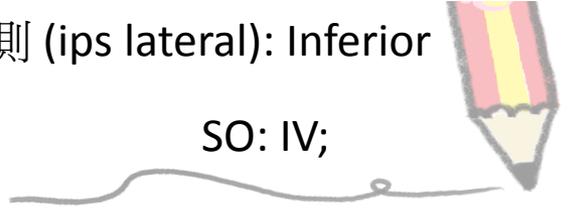
eye movement 眼球控制

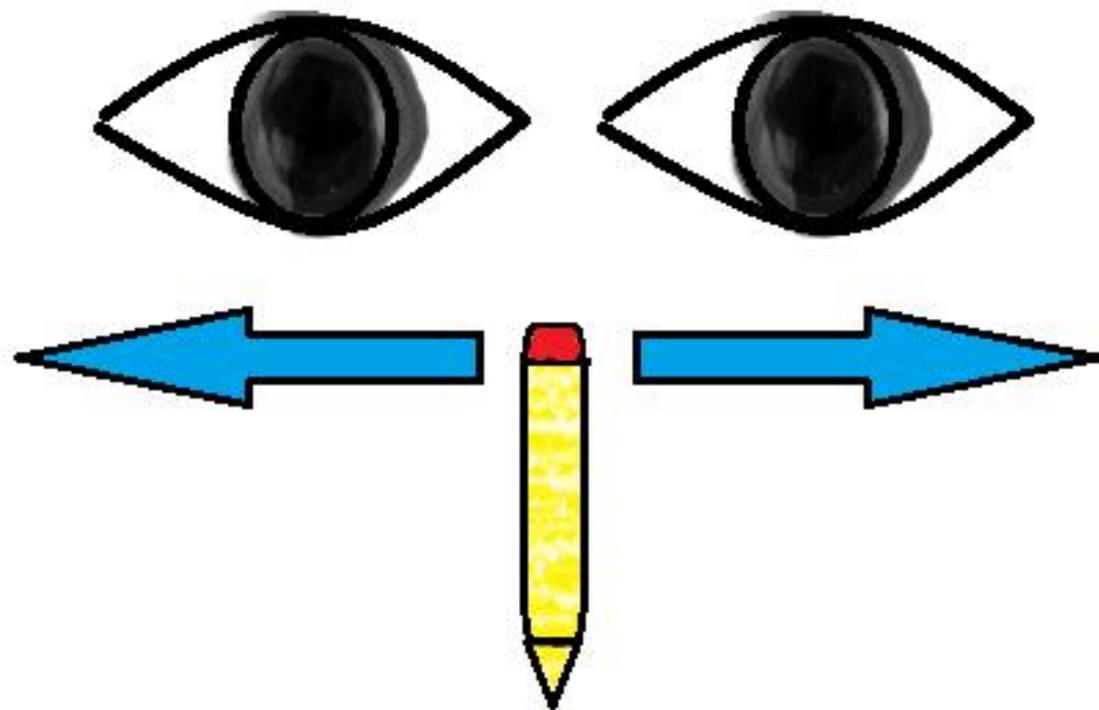


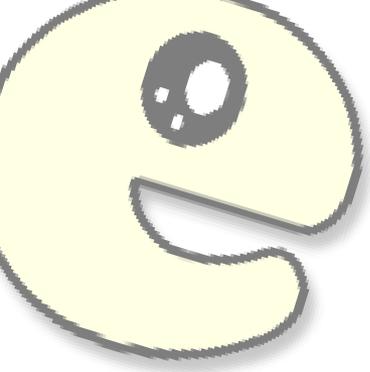
LR VI;

同側 (same side): Superior, 對側 (ips lateral): Inferior

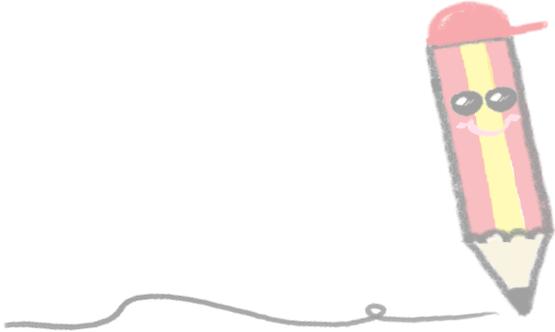
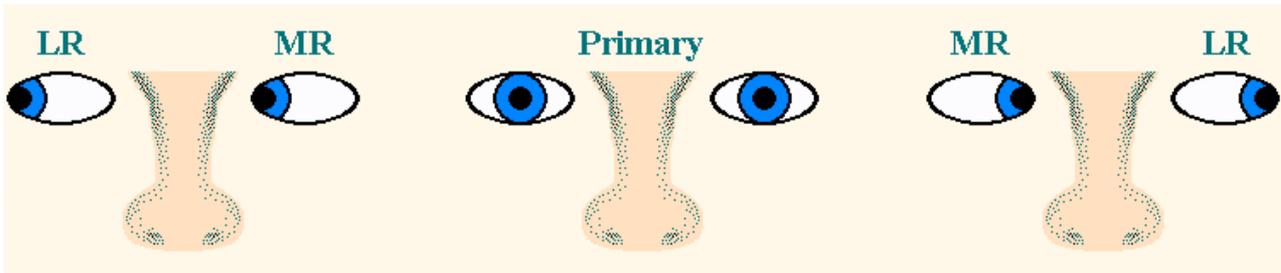
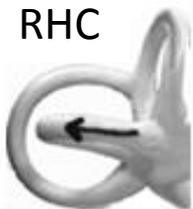
SO: IV;

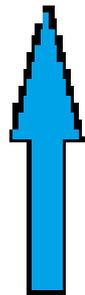
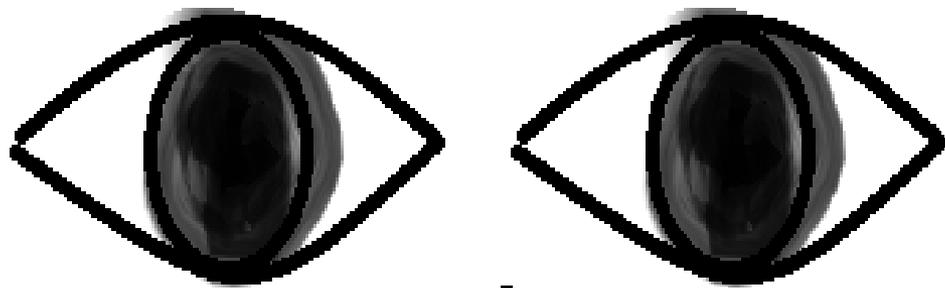


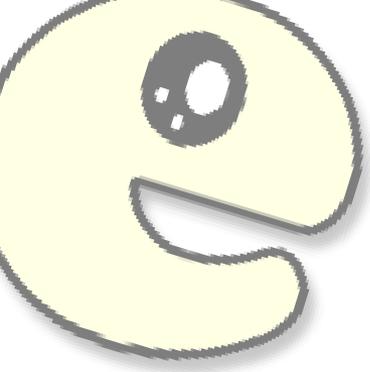




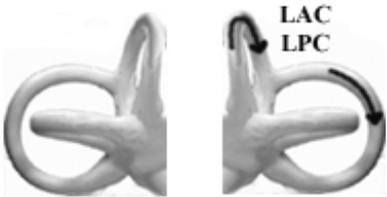
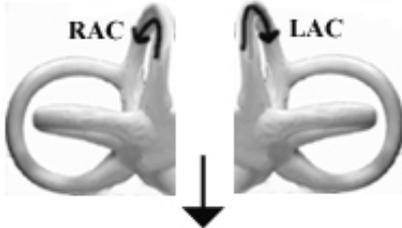
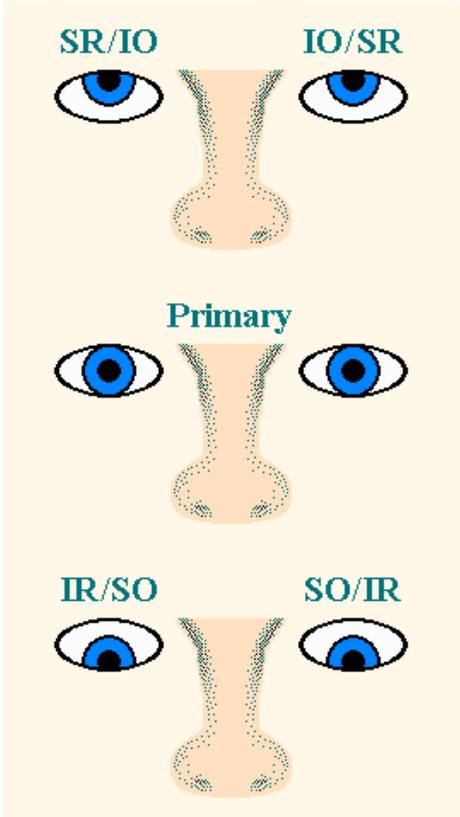
eye movement 眼球控制

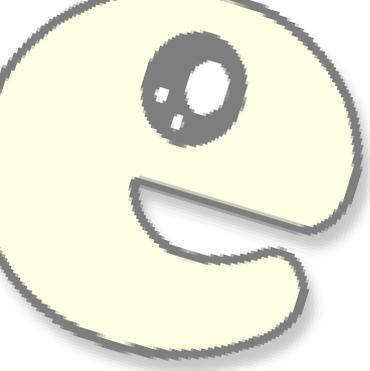




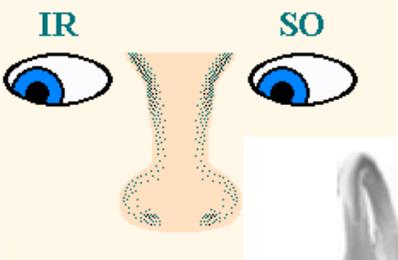
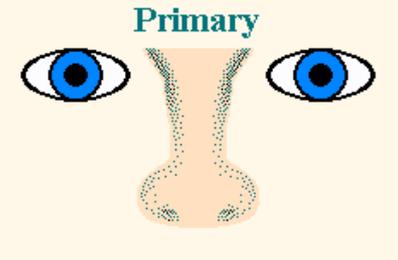
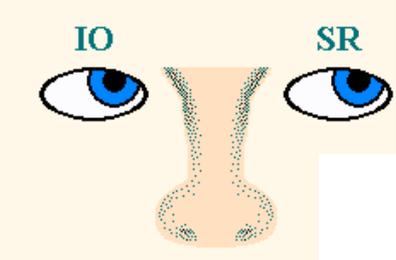


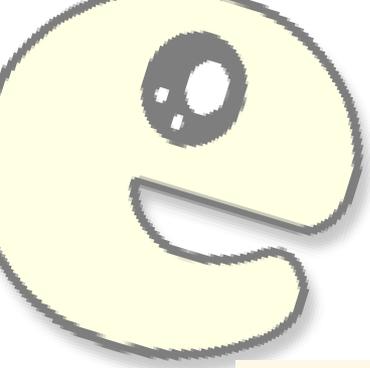
eye movement 眼球控制



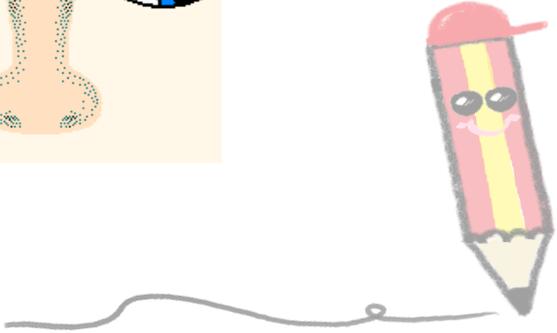
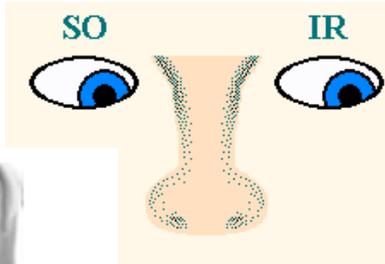
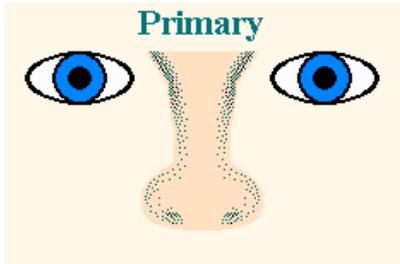
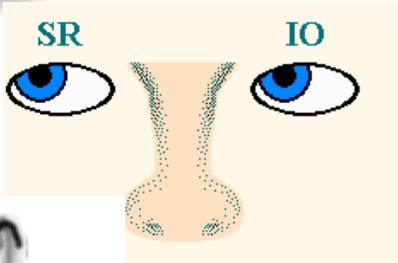


eye movement 眼球控制





eye movement 眼球控制



項目	情況		備註	
聚合	前後	✓	x	
	不同焦點	✓	x	

項目

情況

備註

聚合

前後

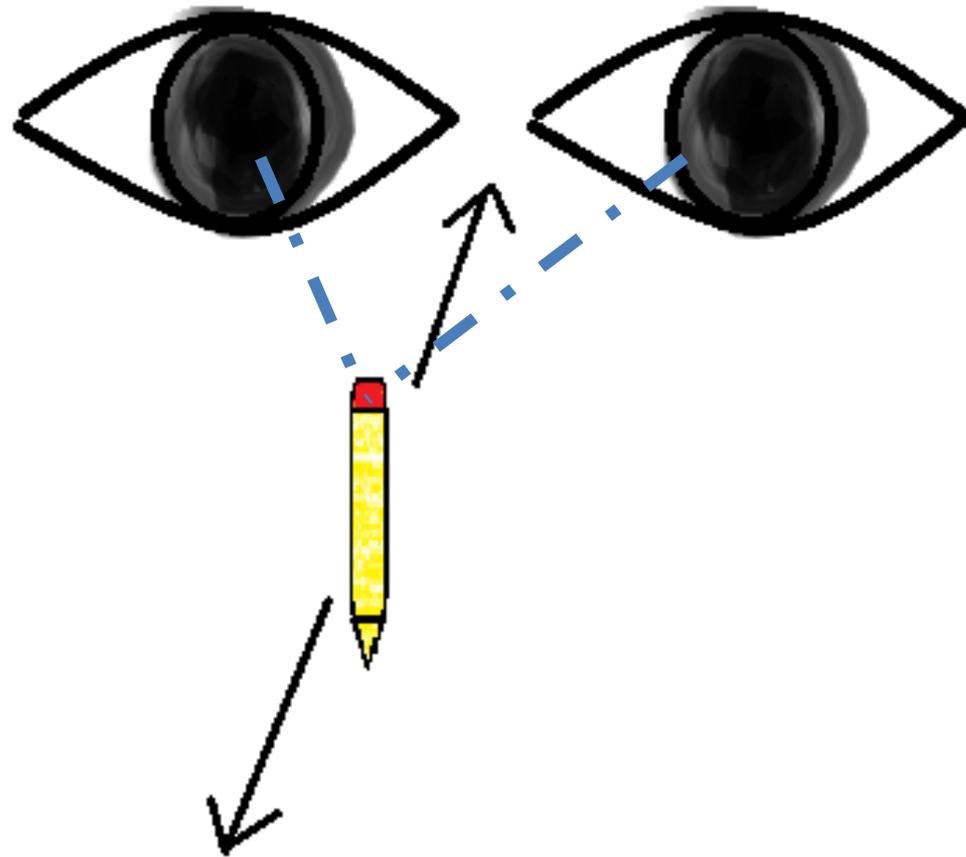
✓

x

不同焦點

✓

x



項目	情況	備註	
跳視	左右	✓ 暢順、準確	x
	上下	✓ 暢順、準確	x



eye movement 眼球控制

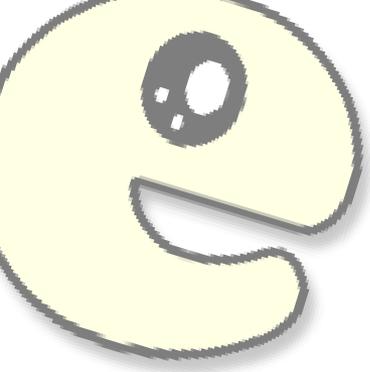


Eye Movement Control 眼球控制

WS. E2

L	A	O	Y	U	X	N	Z	B	L	B	D	K	Y
V	X	V	N	V	I	K	F	S	R	R	O	M	X
T	A	A	O	X	P	N	S	O	I	R	K	D	A
H	X	F	E	K	P	D	E	R	F	U	J	L	Y
N	V	R	R	J	Z	X	D	U	B	H	S	J	S
G	G	H	R	P	L	N	R	B	W	Z	U	T	T
A	H	A	T	Q	Z	P	I	R	A	R	L	T	B
H	E	O	I	G	Z	X	N	W	Q	P	T	E	C
W	O	W	S	B	S	V	S	P	M	Q	H	B	L
K	N	A	J	Y	K	C	A	P	P	A	K	T	P





eye movement 眼球控制

RS.E2

1. 閱讀 → 路徑, 時間
2. 搜尋 → 路徑, 時間



Eye Movement Control
眼球控制

RS. E2

L A O Y U X N Z B L B D K Y
 V X V N V I K F S R R O M X
 T A A O X P N S O I R K D A
 H X F E K P D E R F U J L Y
 N V R R J Z X D U B H S J S
 G G H R P L N R B W Z U T T
 A H A T Q Z P I R A R L T B
 H E O I G Z X N W Q P T E C
 W O W S B S V S P M Q H B L
 K N A J Y K C A P P A K T P

A	10
B	7
C	2
D	4
E	4
F	3

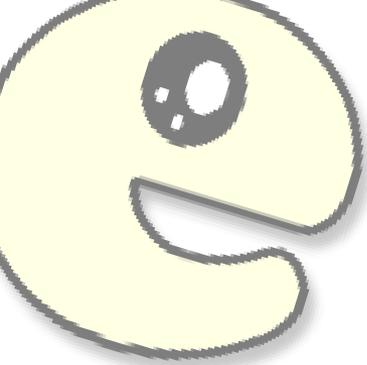
G	3
H	6
I	4
J	4
K	7
L	6

M	2
N	7
O	6
P	9
Q	3
R	10

S	7
T	7
U	4
V	5
W	4
X	7

Y	4
Z	5

工作紙顏色:



eye movement 眼球控制

閱讀, 搜尋：
字母大檢閱 - 等距分佈
*WS.E2 / RS.E2

閱讀 ✓ 暢順、準確
搜尋 _____%,

x

策略:

閱讀, 搜尋：
字母大檢閱 - 橫向偏差
*WS.E3 / RS.E3

閱讀 ✓ 暢順、準確
搜尋 _____%,

x

策略:

閱讀, 搜尋：
字母大檢閱 - 縱向偏差
*WS.E4 / RS.E4

閱讀 ✓ 暢順、準確
搜尋 _____%,

x

策略:

閱讀, 搜尋：
字母大檢閱 - 縱橫偏差
*WS.E5 / RS.E5

閱讀 ✓ 暢順、準確
搜尋 _____%,

x

策略:





eye movement 眼球控制



Eye Movement Control 眼球控制

RS. E2

1 L A O Y U X N Z B L B D K Y

2 V X V N V I K F S R R O M X

3 T A A O X P N S O I R K D A

H X F E K P D E R F U J L Y

N V R R J Z X D U B H S J S

G G H R P L N R B W Z U T T

A H A T Q Z P I R A³ R L T B

H E O I G Z X N W Q P T E C

W O W S B S V S P M Q H B L





eye movement 眼球控制

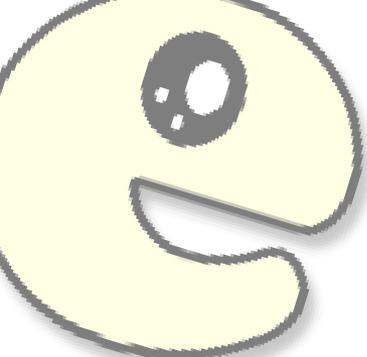


Eye Movement Control 眼球控制

WS. E2

L	A	O	Y	U	X	N	Z	B	L	B	D	K	Y
V	X	V	N	V	I	K	F	S	R	R	O	M	X
T	A	A	O	X	P	N	S	O	I	R	K	D	A
H	X	F	E	K	P	D	E	R	F	U	J	L	Y
N	V	R	R	J	Z	X	D	U	B	H	S	J	S
G	G	H	R	P	L	N	R	B	W	Z	U	T	T
A	H	A	T	Q	Z	P	I	R	A	R	L	T	B
H	E	O	I	G	Z	X	N	W	Q	P	T	E	C
W	O	W	S	B	S	V	S	P	M	Q	H	B	L
K	N	A	J	Y	K	C	A	P	P	A	K	T	P





eye movement 眼球控制



Eye Movement Control 眼球控制

RS. E2

L	¹ A	O	Y	U	X	N	Z	B	L	B	D	K	Y
V	X	V	N	V	I	K	F	S	R	R	O	M	X
T	A	A ²	O	X	P	N	S	O	I	R	K	D	A ⁴
H	X	F	E	K	P	D	E	R	F	U	J	L	Y
N	V	R	R	J	Z	X	D	U	B	H	S	J	S
G	G	H	R	P	L	N	R	B	W	Z	U	T	T
A	H	A	T	Q	Z	P	I	R	A ³	R	L	T	B
H	E	O	I	G	Z	X	N	W	Q	P	T	E	C
W	O	W	S	B	S	V	S	P	M	Q	H	B	L

