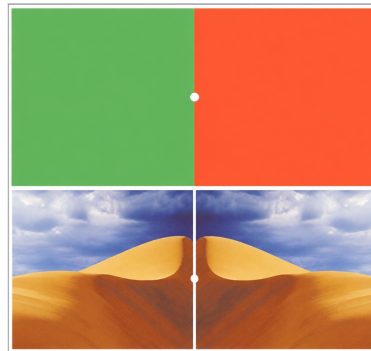
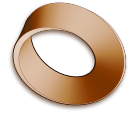


Name: _____

Date: _____

Mr. Rawson • Y8 MYP Physics



Optical Illusions Show How We See Beau Lotto, TED

https://www.ted.com/talks/beau_lotto_optical_illusions_show_how_we_see

Criterion A: Knowing and understanding. Question 2 is **A.i**, question 3 is **A.iii**. Rubric on page 3.

1) **Explain** what you did during this activity.

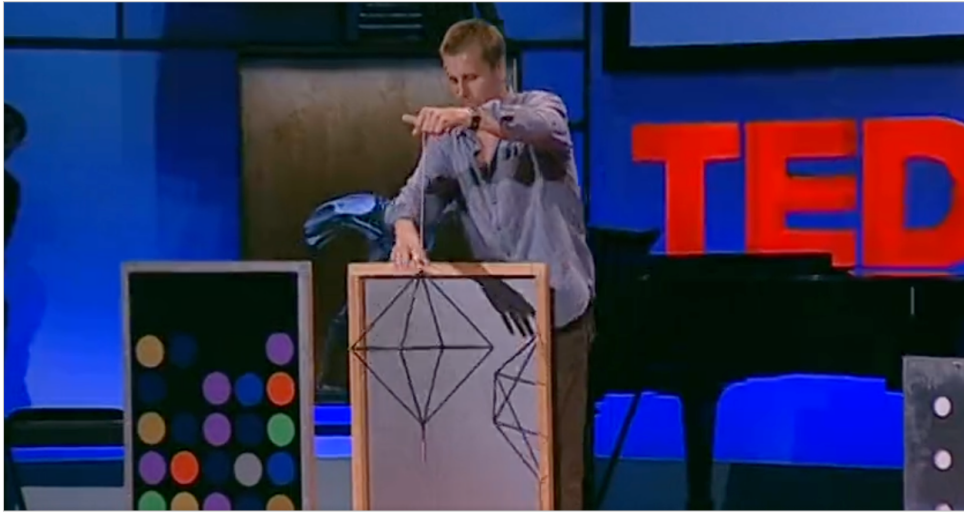
Explain: Give a detailed account including reasons and causes.

2) **Describe** what happened during this activity.

Describe: Give a detailed account or picture of a situation, event, pattern or process.

3) **Analyse** what this means about the way that colour is perceived.

Analyse: Break down in order to bring out the essential elements or structure. Identify parts and relationships, and interpret information to reach conclusions.



The Spinning Diamond Beau Lotto, TED

Criterion A: Knowing and understanding. Question 2 is **A.i**, question 3 is **A.iii**. Rubric on page 3.

1) **Explain** what the speaker did.

Explain: Give a detailed account including reasons and causes.

2) **Describe** what optical illusion was created.

Describe: Give a detailed account or picture of a situation, event, pattern or process.

3) **Analyse** what this tells us about the way our eyes and brain work together to decide what we see.

Analyse: Break down in order to bring out the essential elements or structure. Identify parts and relationships, and interpret information to reach conclusions.

Criterion A: Knowing and understanding

MYP Sciences, Year 8 rubric

Today we are working on the two shaded rows. Question 2 is **A.i**, describing what you know. Question 3 is **A.iii**, analysing information to reach a supported judgment. Read across a row to find the wording that matches what you have written. To move up a band, use the wording in the next column along.

Strand	Level 1–2	Level 3–4	Level 5–6	Level 7–8
A.i Describing scientific knowledge	recall scientific knowledge	state scientific knowledge	outline scientific knowledge	describe scientific knowledge
A.ii Applying scientific knowledge	apply scientific knowledge and understanding to suggest solutions to problems set in familiar situations	apply scientific knowledge and understanding to solve problems set in familiar situations	apply scientific knowledge and understanding to solve problems set in familiar situations and suggest solutions to problems set in unfamiliar situations	apply scientific knowledge and understanding to solve problems set in familiar and unfamiliar situations
A.iii Analysing information to make judgments	apply information to make judgments	apply information to make scientifically supported judgments	interpret information to make scientifically supported judgments	analyse information to make scientifically supported judgments

Level 0: The student does not reach a standard indicated by any of the descriptors below.

Descriptors verbatim from the MYP Sciences guide, Year 3 assessment criteria. How clearly you write it up is Criterion D.iii, “apply scientific language effectively”.

What you did to achieve this level:

What you could do to improve:
