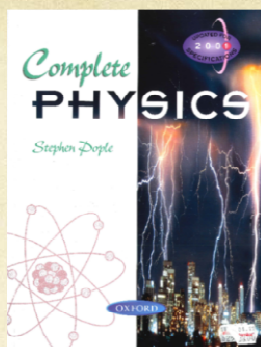


# Wonder Question

Anything you wonder about *after*  
having done the pre-reading for class

Lindstrøm & Løken (2014)



learning | catalytics Christine Lindstrøm | Oslo and Ake

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5 short answer

Skriv et undrespørsmål til dette emnet. (Et undrespørsmål er noe du undrer deg over som har forbindelse med temaet for økten uten å nødvendigvis være på pensum.)

Lindstrøm & Løken (2014)

Ask a Wonder Question

“Why do we get double rainbows?”

Sigurd Løken, pre-service science teacher

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Benefit 1:  
Forces students to try to connect new knowledge with prior knowledge.

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*Benefit 2:*  
Shows teacher what the students are on the cusp of understanding (ZPD).

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*Benefit 3:*  
Allows teacher to organise JiTT lecture according to student interest.

### I. Double rainbow

- Light is produced in the sun
- The atmosphere is transparent to visible light
- Light is refracted and reflected in water droplets in the air, producing a rainbow
- Light is refracted in the lens in the eye
- Light is detected by rods and cones on the retina

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Ask a Wonder Question

“When I run up a flight of stairs, do I use energy that has been continually recycled since the Big Bang?”

Energy cannot be created or destroyed

Sigurd Løken's junior high school student

Lindstrøm & Løken (2014)

## Wonder Question

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- Benefit 2:*  
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- Benefit 3:*  
Allows teacher to organise JiTT lecture according to student interest.

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