



Isaac Newton's Colour Experiments



Use the Fact Sheet above to answer these questions about Isaac Newton and his discoveries.

1. When was Isaac Newton born?

2. Where was his home?

3. Why did he conduct his experiment at home?

4. How did people in the 1660s believe colours were created?

5. What did Newton use to create a beam of light?

6. What did his 'crucial' experiment prove?

7. Why did Newton split the spectrum into seven colours?

8. What was Newton's book called and what did it explain?

9. Which other scientists did Newton learn from?



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6. Why do you think his experiment is known as 'crucial'?

7. What did he prove about how we see an object's colour?

8. What was Newton's book called and what did it explain?

9. What do you think Newton means when he says he 'stands on the shoulders of giants'?

10. Can you think of a different caption for the sketch of Newton's crucial experiment?



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8. What do you think Newton mean when he says he 'stands on the shoulders or giants'?

9. Can you think of a different caption for the sketch of Newton's crucial experiment?

10. Look at this painting of Isaac Newton that hangs in the BOA Museum. What do you think he may be thinking as he carries out his crucial experiment?

