**The Evolution of Skin Color**

🡪 Watch this video: http://www.hhmi.org/biointeractive/biology-skin-color

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| 🖉🕮 Things to think – and write – about:Skin color plays several “roles.” What are they and why are they important enough to have “stuck around?”*
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What role does folate play in human development?Why aren’t we all dark skinned? |

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| Sunlight/UV | leads to more or less… | Which leads to more or less… | Good, bad, neutral? |
| **☼☼☼** |  + or - Vitamin D |  + or - Calcium |  |
| **☼☼☼** |  + or - Folate |  + or - Birth defects |  |
| **☼☼☼** |  + or - Melanin |  + or - Vitamin D |  |
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Big question: what does all of this mean, in terms of melanin, vitamin D, calcium, folate, birth defects, and where you live? Can you put it into your own words?