**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?”       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?