

Genetics

- Students will create an imaginary sibling tossing coins and spinning spinners
- Students figure out their parents traits (eye color, hair color, hair type, height and skin tone)
- Explain how each trait will be assumed to have a 50% probability of occurring
- Using one of the recommended Coin Toss simulation tools, have students create an imaginary sibling
- Have some students share their findings
- Explain how sometimes traits skip a generation
- Have students figure out their grandparents traits (eye color, hair color, hair type, height and skin tone)
- Explain how and why each trait will now be assumed to have a 25% probability of occurring
- Help Students set up the Adjustable Spinner tool
- Using the spinner tool, have students create a new imaginary sibling.
- Have students share their findings