

STEAM Questions

1. In the right upper corner of this beautiful painting the sun is depicted. Sunlight represents warmth and happiness. The sun emits energy in the form of photons or packets of energy. Share how solar panels convert sunshine into electricity.

2. In this warm painting the mother is caressing her children. One child has darker skin coloration than the other. What is the name of the pigment in all human skin responsible for skin color? What is the purpose of this pigment?

3. In this painting the eyes of the mother and two children are the focal point of the painting. What is the function of the eye in converting light radiation into sight? Briefly describe the process.

4. Do dark skin and light skin tones have advantages and disadvantages in terms of human health, depending on where a person lives on Earth? Explain this.

5. What is Vitamin D? Name at least two sources of Vitamin D. What impact does Vitamin D have on your physical and mental health?

