## 4. TEAM: Iodine in the Diet and Prevalence of Goiter

The class will be divided into four groups and will search for statistics regarding the prevalence of loiter worldwide. The students will post it on the map and will be asked to come up with generalisation about the relationship between prevalence of loiter and the geographic location. Each group will be asked to

findings from scientific literature.

## 5. SIDEBARS

## **STEM CHECK:**

## Is Vitamin D really a vitamin or a hormone?

A vitamin is any organic molecule that acts as a coe These molecules are regarded as micronutrients becau and most of them are obtained from the diet due to the vitamin could is not necessarily true for Vitamin D, as does not come from the sun, rather the UV radiation skin into 7-dehydrocholestrol and further, into choleca

e metabolic processes of the body. nires them in very small quantities., rithesise them. This deefinition of a human body. First of all, Vitamin D tes conversion of cholesterol in the noleralciferol is transported into the

liver through the blood and is converted into calcitriol (2. by the kidney to produce calcitriol (1, 25-dihydroxyvita dihydroxyvitamin D has been shown to increase depositi through the urine and enhance absorption of calcium by the hormone, and functions as a hormone rather than a vitami

his product is further processes iologically active form. 1, 25nes, decrease calcium excretion ay, Vitamin D has prohormone,