

# AJIAL BILINGUAL SCHOOL GRADE 5 NEWSLETTER

Dear Family,

"Why is water so important?" That is the big question we are exploring in this unit. To answer it, we are reading, writing, and talking about the water cycle and how people depend on it. Be a part of our exploration!

Throughout the next few weeks, our math class will study the operations of addition and subtraction with fractions. The students will study and learn to identify and apply common denominators. You can expect to see homework that includes adding and subtracting mixed numbers.

Energy moves life. The cycle of energy is based on the flow of energy through different trophic levels in an ecosystem. Our ecosystem is maintained by the cycling energy and nutrients obtained from different external sources. At the first trophic level, primary producers use solar energy to produce organic material through photosynthesis. The herbivores at the second trophic level, use the plants as food which gives them energy. The carnivores at the next trophic level, feed on the herbivores and derive energy for their sustenance and growth. Thus, the different plants and animal species are linked to one another through food chains. Decomposers which include bacteria, fungi, molds, worms, and insects break down wastes and dead organisms, and return the nutrients to the soil, which is then taken up by the producers. Energy is not recycled during decomposition, but it is released.



## ENGLISH

Selection: "Picturing the Pantanal"

Essential Question: *Why is water so important?*

Language Focus: Define and Explain

Content Vocabulary: atmosphere, condensation, evaporation, fresh water, precipitation, runoff, water cycle, watershed

Academic Vocabulary: access, consequence, conservation, deplete, shortage

Thinking Map: Main Idea and Details

Reading Strategy: Make Connections

Genres: Science Article

Grammar: Adjectives

## MATH

Chapter 6 Add and Subtract Fractions (review)

Essential Question: *How can you use models to add and subtract fractions that have different denominators?*

Go-Math Student Book Chapter 6 Lessons: 6.1 and 6.2

## SCIENCE

Unit 6 Energy and Ecosystems Science Fusion Student Book Unit 6 Lesson 1 Essential Question: *What Are Roles of Organisms in Ecosystems?*

## HOMEWORK IXL Skills:

English: PP7

Math: L11

Science: P3 and P4