

Montessori School of Central Marin

SUMMER PROGRAM GUIDE 2018

Human Anatomy

Tuesday, June 5th – Friday, August 24th

Registration is available by the week or by the month with the same programs offered during the school year. During the summer we offer weekly enrollment to better accommodate your family's needs.

This summer our focus will be on invertebrates and marine wildlife. The purpose of teaching preschoolers about our world and different types of creatures is to foster awareness about how wonderful and amazing our natural world is. At this age, children are very curious and enjoy discovering information about their world, including the way other animals are built and function!

During the summer the regular Montessori activity period occurs simultaneously in the morning and afternoon, with the classroom activities modified to encompass the weeks' theme. The regular Montessori curriculum includes the following four major areas:

- ❖ Practical Life focuses on activities in self-help skills, care of the environment, making snack, and courtesy.
- ❖ Sensorial develops and refines the child's senses – visual, tactile, auditory, gustatory and olfactory.
- ❖ Language Arts develops receptive language in listening/reading, expressive language and speaking/writing.
- ❖ Mathematics develops skills in linear counting, understanding quantity/symbol relationship, base ten and operations.

In addition the following activities will be offered:

- ❖ Gymnastics with Coach Isaac on the Gymnastics Bus every Monday morning
- ❖ Outdoor Water Play on warm days at 1 PM (please send a bathing suit & towel)
- ❖ Outdoor "Olympic Games" each Friday morning

SUMMER HOLIDAYS: No School & No Daycare

June 4th - Teacher Workday, *staff preparation for Summer Program*

July 4th – Independence Day, *national holiday*

August 27th – Teacher Workday, *staff preparation for School Year*

Summer Program Reminders:

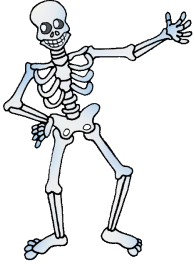
- *Payment is due by the 1st of each month*
- *Changes to enrollment plans must be made with at least 2 weeks notice*

JUNE

Human Anatomy

Week of June 5

Skeletal System: Long Bones



The skeletal system includes long bones (i.e. the arm, legs, fingers) that make up the limbs of our body. This week we will also look at joints, particularly the elbow and knee, and connection of the femur and humerus to the torso. Art works and songs will be shared based on our study of the skeletal system.

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon

Week of June 11

Skeletal System: Short & Irregular Bones

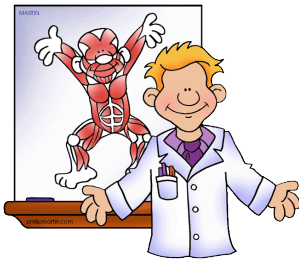


The skeletal system is so vast it also includes shorter and irregularly shaped bones (i.e. skull, ribs, and vertebrae). This week we continue our investigation of the skeletal system by focusing on these bones in our body.

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon

Week of June 18

Muscular System



This week we will focus on the muscular system. The children will discover that the contraction and relaxation of muscles allows our body to move and supports our skeleton! Muscles throughout the body also help to hold organs in place and we will also discover that a muscle, like the heart, can also be an organ!

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon

Week of June 25

Circulatory System



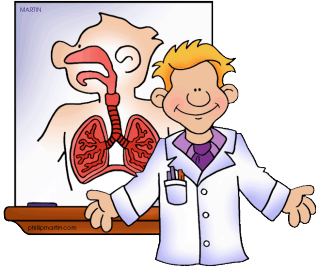
Blood flows through the heart's right-sided chambers, to the lungs for oxygen-gas exchange, back to the heart's left side, and finally, to the body! The children will learn about the large network of arteries and veins that enable the circulation of oxygen and nutrient rich blood throughout the body. Books and art projects related to our study will be in the classroom.

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon

JULY

Human Anatomy

Week of July 2

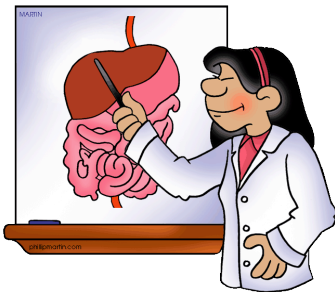


The Respiratory System

The lungs pull air through the mouth and nose, through the trachea, and into the lungs. The children will learn about the lungs and find that the contraction and expansion of the diaphragm as well as change in pressure allow for the cycle of inhalation and exhalation. Art projects and materials related to the respiratory system will be made available in the classroom.

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon
- Friday, July 3rd, Observation of

Week of July 9

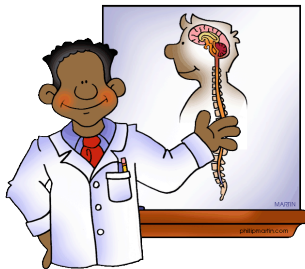


The Digestive System

The digestive system includes the teeth, tongue, esophagus, stomach, small and large intestines. The children will learn about the digestive organs' ability to extract nutrients from the food we eat. The children will learn that the body's digestive system processes and thus provides the body with the nutrients it requires from the foods they eat.

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon

Week of July 16



The Nervous System

This week we will look at the nervous system and study the powerhouse of the nervous system - the brain. Through models the children will see that the spinal cord links the brain to the nerves throughout the body and relays messages to and from the brain. The children will also see illustrations of neuron cells which connect to each other from dendrite to axon.

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon

Week of July 23



Nutrition

Our focus for this week will be the foods that our body needs. The children will learn that the body requires proper nutrition in the way of fat, protein, and carbohydrates for energy and maintaining optimal health.

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon

AUGUST

Human Anatomy

Week of July 30



Visual & Auditory Sense: Eyes & Ears

This week the children will learn about the eyes and ears which provide our visual and auditory senses. Through this week's curriculum the children will learn that the eyes and ears are sensory organs comprised of specialized nerve cells. The optic nerve and the auditory nerves connect to the brain and the brain then interprets the nerve impulses as sight and sound.

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon

Week of August 6



Sense of Smell & the Nose

This week's focus will be on the olfactory sense. The children will learn that the nose is a sensory organ that sends nerve impulses to the brain, where the brain interprets the nerve impulses in terms of smell. Smelling and tasting have a very close relationship in the brain: the perception of smell and taste influence each other.

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon

Week of August 13



Sense of Taste & the Tongue

This week children will have the opportunity to learn more about the tongue and our gustatory sense. Like the other sensory organs, the tongue sends messages to the brain. We will discuss and try out foods that create a sweet, salty, sour or bitter taste. The children will also learn that the olfactory sense (nose) enriches our sense of taste.

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon

Week of August 20



Types and Sets of Teeth

During the final week of the summer program children will study the teeth using models of the mouth and teeth as well as picture cards to learn about the parts of the tooth, the types of teeth, and the primary and secondary sets of teeth. The children will also learn about basic dental care and hygiene.

- Monday morning gymnastics (Gymnastics Bus)
- Water play on warm days in the afternoon

Last Day of Summer Program: August 24th

Teacher Work Day (No School, No Daycare): August 27th

First Day of School: August 28th