

MEET THE ARM FRIENDS!



**TEACHER
TURTLE**



**PROFESSOR
POLAR BEAR**



**PI PRAIRIE
DOG**

PI PRAIRIE DOG



PRINCIPAL INVESTIGATOR PRAIRIE DOG IS A SCIENTIST WHO LIVES ON THE SOUTHERN GREAT PLAINS IN OKLAHOMA. HE IS CONCERNED ABOUT GLOBAL WARMING BECAUSE HIS ENVIRONMENT IS SENSITIVE TO CHANGES IN PRECIPITATION AND TEMPERATURE. THESE FACTORS INCREASE THE CHANCE OF FIRES AND MAKE HIS HOME MORE VULNERABLE TO INVASIVE PLANTS AND INSECTS.

PROFESSOR POLAR BEAR



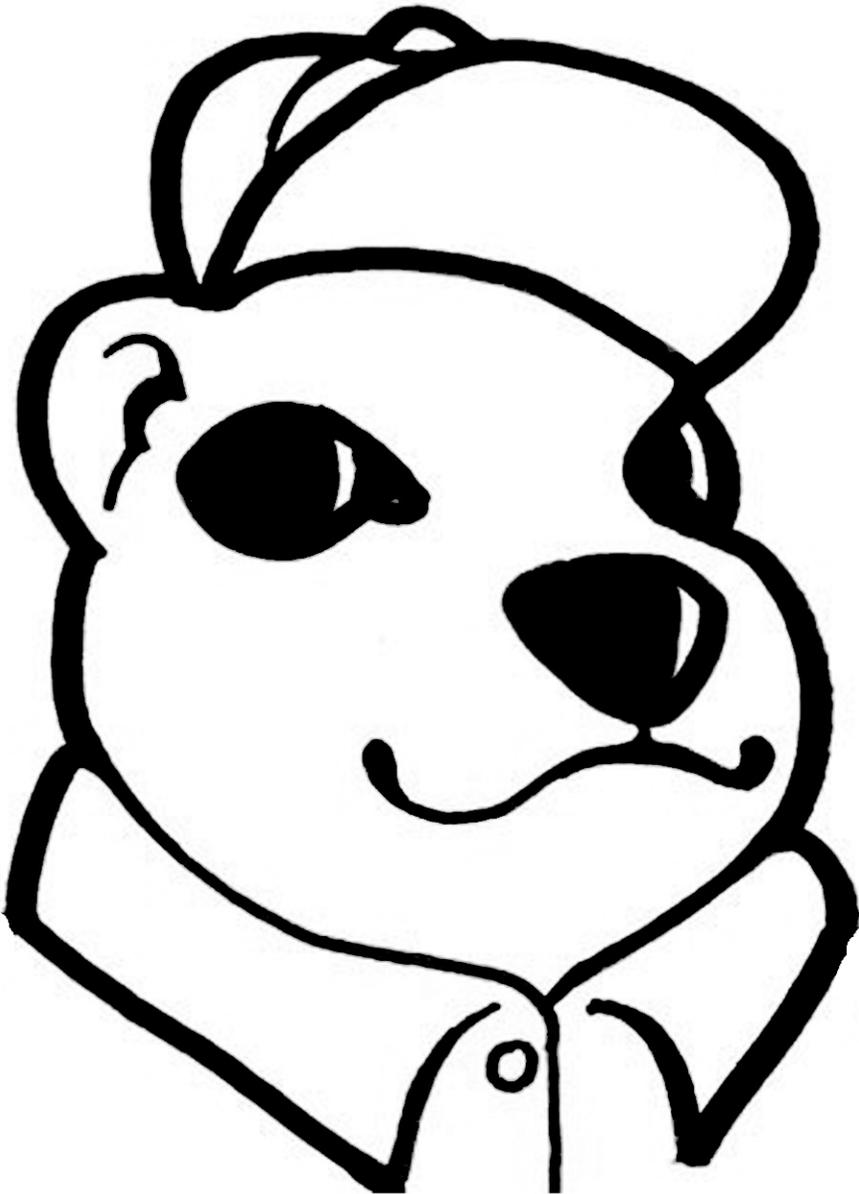
PROFESSOR POLAR BEAR'S HOME IS LOCATED AT "THE TOP OF THE WORLD." JUST NORTH OF BARROW, ALASKA. BARROW IS THE NORTHERNMOST POINT ON THE CONTINENT, PROFESSOR POLAR BEAR IS WORRIED ABOUT MELTING ICE AND THE WARMING ENVIRONMENT BECAUSE IT ENDANGERS HIS HOME AND HIS SURVIVAL!

TEACHER TURTLE



TEACHER TURTLE LIVES OFF THE COAST OF PAPUA NEW GUINEA, JUST NORTH OF AUSTRALIA. SHE IS ONE OF EIGHT SPECIES OF SEA TURTLES, ALL OF WHICH ARE THREATENED OR ENDANGERED. HUMANS AND CLIMATE CHANGE ARE THE MAJOR THREATS TO HER SURVIVAL. TEACHER TURTLE IS CONCERNED ABOUT RISING SEA TEMPERATURES AND GLOBAL WARMING. SHE HAS SEEN EVIDENCE OF WIDESPREAD CORAL BLEACHING AND MORE FREQUENT AND INTENSE ENSO STORM PATTERNS.

SOUTHERN GREAT PLAINS



HEIGHT: 14-17 INCHES

WEIGHT: 1-3 POUNDS

FUR COLOR: LIGHT BROWN, WHICH BLENDS WELL WITH THE DIRT

AGE: UP TO 5 YEARS FOR MALES, UP TO 8 YEARS FOR FEMALES

INTERESTING FACT: PRAIRIE DOGS LIVE IN "TOWNS" OR "VILLAGES." AN UNDISTURBED COLONY CAN HAVE THOUSANDS OF RESIDENTS AND EXTEND FOR MILES IN ALL DIRECTIONS. ONE COLONY THAT WAS DISCOVERED IN THE 19TH CENTURY WAS AS BIG AS BELGIUM!

**PI PRAIRIE DOG
HOLE IN THE GROUND
LAMONT, OKLAHOMA 74643**

NORTH SLOPE OF ALASKA



HEIGHT: 2.5-8 FEET FROM NOSE TO TAIL
WEIGHT: 775 TO MORE THAN 1,500 POUNDS!
FUR COLOR: REFLECTING LIGHT MAKES IT APPEAR WHITE, BUT OXIDATION FROM THE SUN OR STAINING CAN MAKE IT LOOK YELLOW OR BROWN

AGE: 15-18 YEARS TYPICALLY, BUT A SMALL PROPORTION LIVES PAST 20-30 YEARS

INTERESTING FACT: FUR IS WATER REPELLENT. THE HAIRS DON'T MAT WHEN WET, ALLOWING THE BEARS TO EASILY SHAKE FREE OF WATER AND ANY ICE AFTER SWIMMING.

PROFESSOR POLAR BEAR
A PATCH OF SEA ICE OFF THE PACIFIC
BARROW, ALASKA 99723

TROPICAL WESTERN PACIFIC



LENGTH: 78-112 INCHES

WEIGHT: 150-410 POUNDS

SHELL COLOR: GREEN SEA TURTLES FOUND IN THE PACIFIC HAVE A DARK GREY, BLUISH GREEN SHELL

AGE: UP TO AN 80-YEAR LIFESPAN IS FEASIBLE FOR SEA TURTLES, BUT THERE IS NO ADEQUATE METHOD OF DETERMINING A SEA TURTLE'S AGE

INTERESTING FACT: GREEN SEA TURTLES ARE NAMED FOR THE COLOR OF THEIR BODY FAT!

**TEACHER TURTLE
SOMEWHERE IN THE PACIFIC OCEAN
PAPUA NEW GUINEA**