

Welcome to the Zoo!

Facts

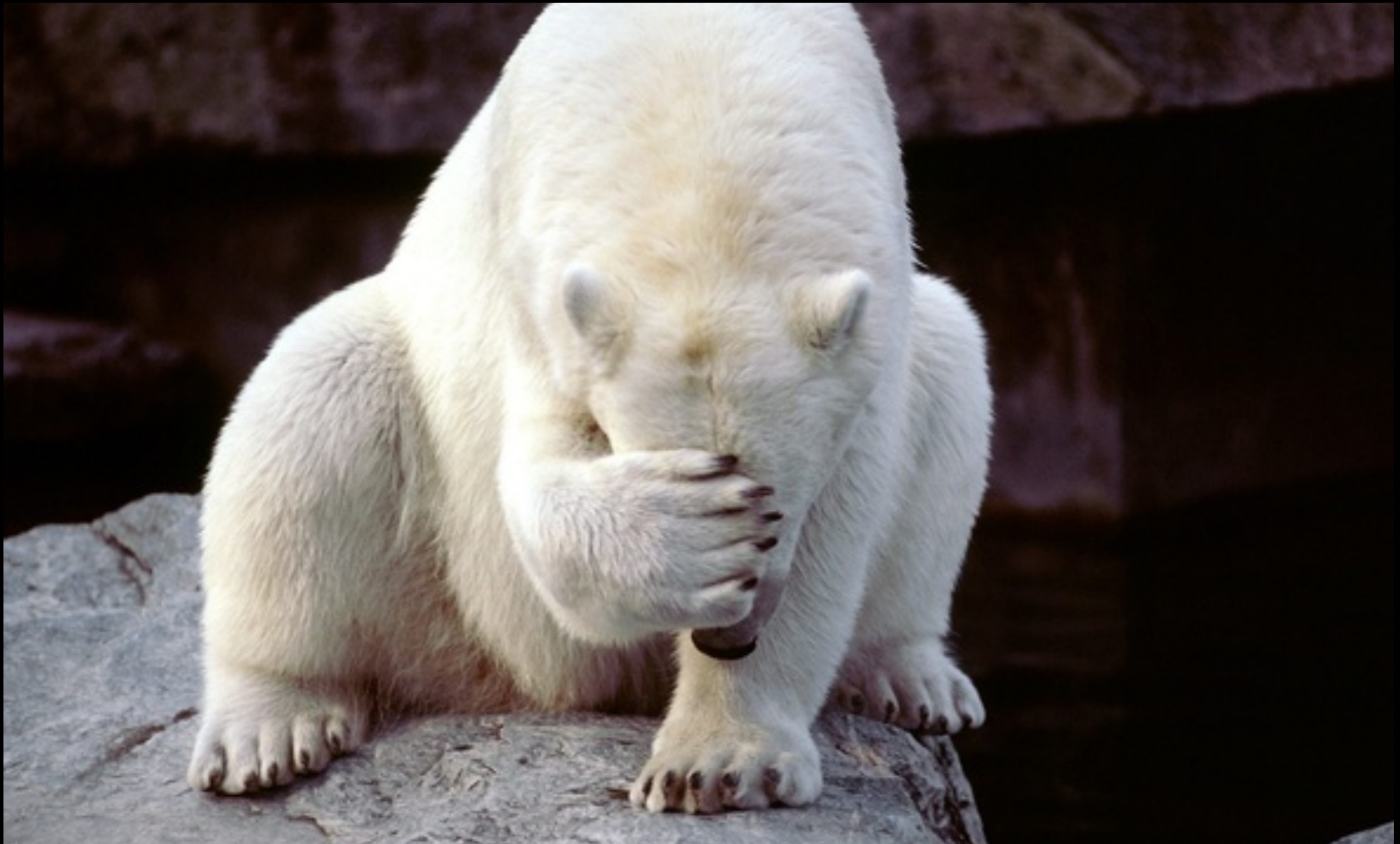
- Animals die prematurely in zoos 40% of lion died before one month of age.
- About 200,000 surplus animals are killed a year.
- Some zoos are connected to animal circuses.
- Healthy animals are taken from the wild



Usually, when polar bears come to the zoo they look like this.



Shortly after they arrive they look something like this



Polar Bears

- In the wild polar bears like to travel, hunt, and swim.
- They are expert long-distance swimmers. They can swim up to 100 kilometers without stopping to rest.
- In the wild polar bears mainly eat seals.
- The typical zoo enclosure for a polar bear is one-millionth the size of its home range in the wild.
- Polar bears in zoos spend 25% of their day pacing.



Elephants

Space

- In wild they have 5,000sq km or more
- In wild they have 50 miles by 20 miles
- In zoos they get 1-5 acres(5 for a good zoo)
- They are made for walking so they need a lot of room
- Zoos don't have enough room for the tens to hundreds of acres they need

Climate

- They like warm areas
- They can be in cold for short amounts of time
- Once it gets to be 5-10°C they have to go inside
- When they go inside it makes the small space they have even smaller
- From being inside they get fat, arthritis, and foot problems from walking on the ground they aren't used to

Diet

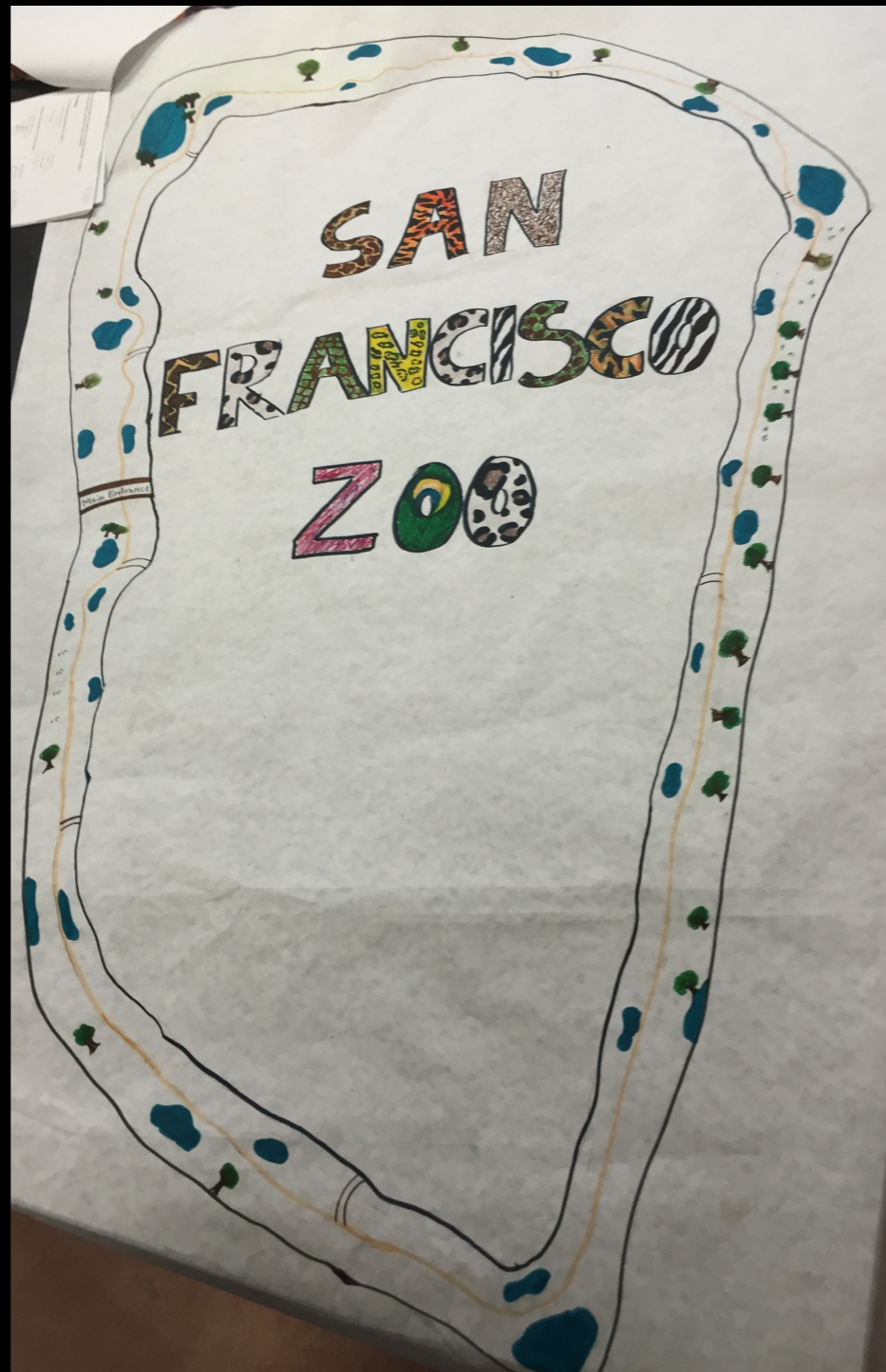
- They are the largest terrestrial animal with them weighing up to 16,500 pounds
- Eat 660 pounds of food a day and drink 50 gallons of water a day (humans eat four pounds of food a day)
- Spend most of their time looking or eating food
- Always have to be close to water



Giraffes

- They eat acacia leaves
- Giraffes live in open plains and woodlands
- It's very important that they have room to maneuver.
- Their home usually ranges between 8-10 miles.
- They like live in hot areas and open spaces where they can see long distances.
- Losing home due to humans and deforestation.

Final Product



Things you can do to enhance our design

- Make the polar bear exhibit have a glass roof over it.
- Add more animals to the elephant/giraffe exhibit to make it seem more like their natural habitat.
- You can cool the water in the polar bear exhibit, so that the water resembles the ice water that they usually swim in.
- Make the bridges to get to and from the pathway have glass around them, so that both, the humans and animals don't get injured.

Our new design

- Takes up about half the zoo.
- Since the zoo is 100 acres, our pathway is 50 acres, but there is still room for other animals.
- Very open
- Get to interact with animals more since they are happier in their environment.