



How Robots Are Helping Farmers!

Welcome, young innovators! Today, we'll discover how amazing robots are transforming farms. Get ready to meet some incredible helpers!

SS

by Samantha Schmidt

What We'll Learn Today

1 Meet the Amiga

Our special farm robot friend

2 Robot Superpowers

How robots see and move

3 Helping Hand

Ways robots assist farmers

4 Future Jobs

Exciting careers with robots



Meet the Amiga Field Robot

A Farm Helper

The Amiga is a special robot

Works in fields

Many Talents

Can drive itself

Carries heavy loads

Helps plants grow strong





Why Use Robots on Farms?



Save Time

Farmers work faster



Super Speed

Robots are quick

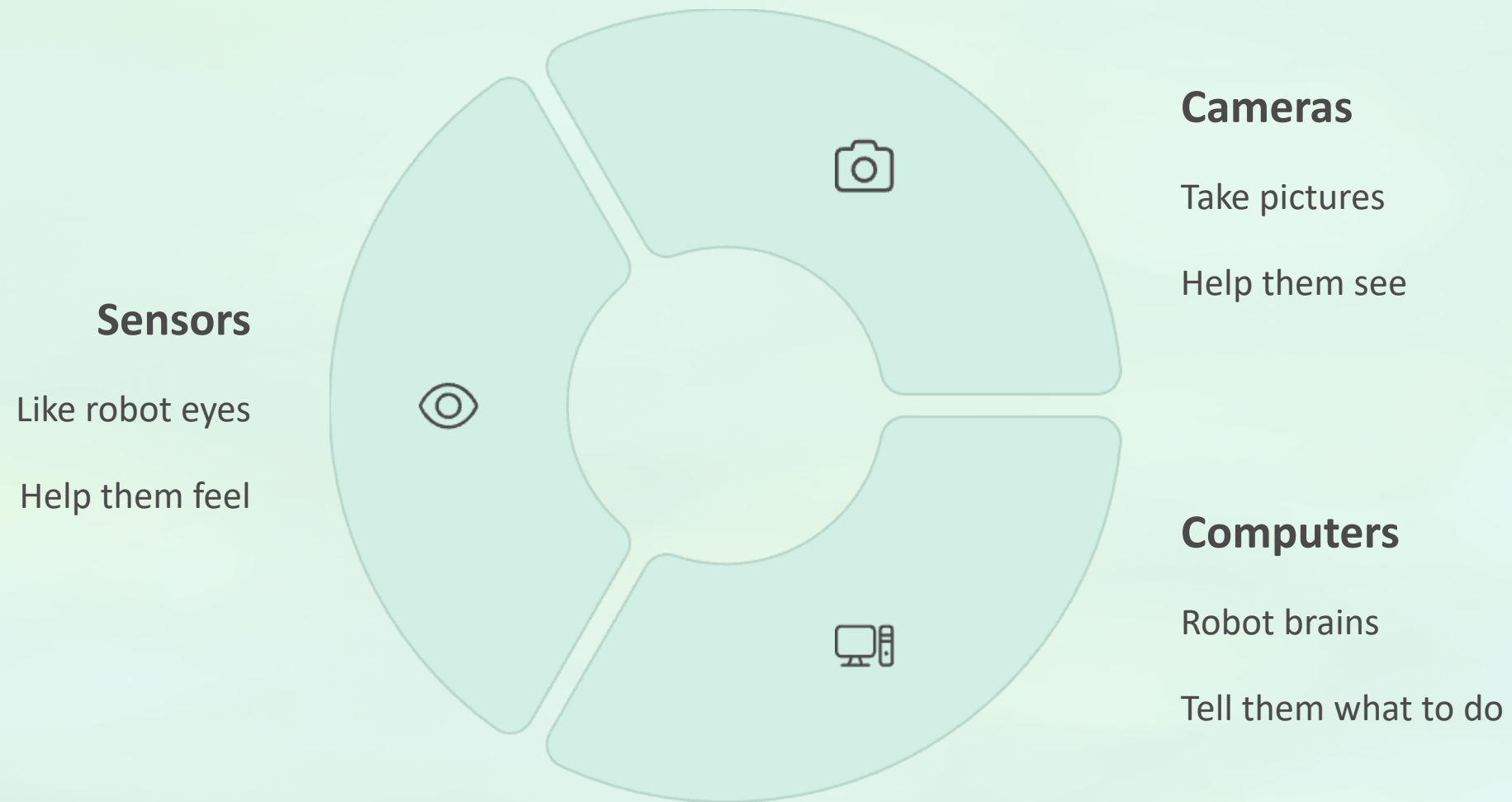


Stay Safe

Handle hard jobs

Avoid dangerous tasks

How Robots See and Move



Amazing Robot Modes

1

Follow Mode

Robot stays close to a person

2

Point-to-Point

Goes to a spot on a map by itself

3

3-D Vision

Sees how far things are

Helps avoid bumps



Robots Helping Plants



Automated Spraying

Robot sprays by itself



Healthy Plants

Uses water or safe plant food



More Food

Keeps plants happy

Helps grow lots of food



Jobs in Agriculture Technology



Robotics Engineer

Design and build the next generation of farm robots.



AI Programmer

Create smart code that help robots make decisions.



Drone Pilot

Fly robots that monitor crops and fields.



What Did We Learn Today?

1

Amiga Robot

Our farm helper

2

Smart Sensors

How robots see

3

Helpful Tasks

Follow, map, spray

Any Questions?

What would YOU invent a robot to do?