A FESTIVE CELEBRATION OF CORN AND COMMUNITY! CAPTAIN CORNELIUS WILL TAKE YOUNG BOBBY ON THE CORNY ADVENTURE OF A LIFETIME...
THE MOST A-MAIZE-ING CELEBRATION OF THE YEAR...

CORN DAY CELEBRATION

OUR HERO, CAPTAIN CORNELIUS, POSES WITH A FEW PHOTOGENIC FRIENDS

LOOK BOBBY, IT’S CAPTAIN CORNELIUS!

IS THAT A REAL CAPE?

IS THERE SUCH A THING AS A KERNEL FAIRY?

IT’S REALLY HIM!

ARE YOU HAVING FUN TODAY BOBBY?

I SURE AM BUT I CAN’T QUITE FIGURE OUT WHY WE ALL GATHER TO CELEBRATE CORN?

THERE ARE MANY REASONS! COME WITH ME AND I’LL SHOW YOU!

AWESOME!

HEY YA CAPTAIN! LIKE SOME SHOE POLISH OR A SCENTED CANDLE?

HI BOBBY!

CAPTAIN!

HOW ABOUT SOME SOAP ALL MADE WITH CORN!

WAY TO KEEP IT CORNY!
CAPTAIN CORNELIUS AND BOBBY MOSEY OVER TO THE CORN MAZE...

HI GUYS!

BOBBY, I'D LIKE YOU TO MEET ONE OF OUR LOCAL CORN GROWERS, MR. MAIZE!

GREAT LOOKIN' CORN YOU HAVE HERE, MR. MAIZE!

AWW, SHUCKS! THANKS, BOBBY, I GREW IT MYSELF.

AND THERE ARE PLenty MORE FARMERS IN AMERICA JUST LIKE ME! THE UNITED STATES IS THE LEADING PRODUCER OF CORN IN THE WORLD!

IN 2013, AMERICAN FARMERS HARVESTED MORE THAN 87 MILLION ACRES! THAT'S ENOUGH CORN TO COVER THE ENTIRE COUNTRY OF GERMANY!

WELL, BOBBY, CORN IS ALL AROUND GOOD. IT FEEDS INNOVATION, FUELS OUR ECONOMY AND SUSTAINS OUR PEOPLE!

WOW! WHY DO WE GROW SO MUCH CORN?

SOUNDS LIKE YOU'RE A REAL SUPERHERO HERE!

NAH, IT'S JUST WHAT YOU GET FROM HARD WORK AND GOOD SCIENCE!

WHAT KIND OF SCIENCE?

WE'LL LEARN ABOUT THAT A LITTLE LATER!
What's a corn celebration without corn games?

That corn was taller than me!

Keep eating your vegetables, Bobby!

Bushel basket toss! Put the ball in the basket!

That basket can hold one whole bushel! A bushel is 56 pounds of corn kernels.

That's a big basket! I think I can win the prize!

To give you an idea of how much corn was produced in the U.S. in 2013, there were more than 14 billion bushels...that's 14 billion baskets!

That's a lot of baskets...

Miss!
Better luck next year, kiddo!

Nice try Bobby, maybe I can help!

Winner! Winner! Ladies and gentlemen we have a winner!

Thanks Captain! Say, what happens to all these bushels of corn we produce, anyway?

I think we're about to find out! Come on, Bobby!

Step right up! Step right up!
THE GREAT CORNINI IS PERFORMING HIS ETHANOL ACT...

...AND PREPARE TO BE AMAZED, AS YOU WATCH THE GREAT CORNINI TRANSFORM CORN INTO CLEAN ETHANOL FUEL RIGHT BEFORE YOUR VERY EYES!

NOW, IMAGINE MY HAT IS ONE OF THE ETHANOL REFINERIES OF AMERICA PRODUCING NEARLY 13 BILLION GALLONS OF RENEWABLE FUEL EACH YEAR!

WHOA! COOL! TRANSFORMERS FOR CORN!

THAT'S RIGHT BOBBY: ONE BUSHEL OF CORN CAN BE TRANSFORMED INTO NEARLY 3 GALLONS OF ETHANOL FUEL!

THE ACT IS ABOUT TO BEGIN!

AN EMPTY HAT...

CORN GOES IN!

ABRACADABRA!

BEHOLD, CLEAN ETHANOL FUEL!
TA DA!

AWESOME TRICK, GREAT CORNINNI! I DIDN'T KNOW CORN COULD DO THAT!

SCORE FOR CORN!

IT SURE CAN BOBBY! SAY, WHAT'S THAT BEHIND YOUR EAR?

DID I MENTION HOW GREAT ETHANOL FUEL IS FOR VEHICLES? EVERY YEAR IT LOWERS THE GREENHOUSE GASES U.S. DRIVERS EMI BY 110 MILLION TONS! THAT'S THE SAME AS TAKING OVER 20 MILLION CARS OFF THE ROAD! NOW THAT'S MAGIC!

A SILVER COIN!

HUH?

ETHANOL ALSO LOWERS THE PRICE CONSUMERS PAY FOR GASOLINE BY ABOUT A DOLLAR A GALLON!

COOL, THANKS!

YOUR PARENTS ARE GOING TO LOVE THAT TRICK!

WHAT ELSE CAN CORN DO?

EVER WONDERED WHAT ANIMALS EAT?

LET'S FIND OUT AT ONCE!

BYE GREAT CORNINNI!

MAGICIANS EAT CANDY CORN!

YES!
Captain Cornelius and Bobby visit the petting zoo...

Welcome folks! All animals here enjoy high-quality corn feed!

Looks like it's dinner time!

Petting zoo please only feed corn to animals

MMM, that's some good corn!

When it comes to corn, I'm no chicken!

Stop hogging all the corn!

They're certainly quite the earful!

You mean corn can be used to make clean fuel and feed animals?

Moooove it!

You bet, Bobby! In fact, around 40 percent of corn usage in the U.S. today is used to feed animals like these!
Livestock producers have come to rely on corn as energy-rich, nutritional feed for their animals! They even get a helping hand from ethanol friends to ensure there's more than enough to go around... one-third of every bushel of grain that enters ethanol plants is enhanced and returned to the feed market as distillers dried grains! These animals sure seem happy with the great feed it makes...

I thought I was supposed to be the pig here!

I sure could use a soda right about now...

Come on Bobby! Let's go get you a refreshment!

You're in luck! There's a great place for soda just up the way!

Captain Cornelius and Bobby wander up the way and find the soda stand...

That'll be $3.99 please!

Do you accept Mastercorn?

Oh deary! I remember when soda used to cost a nickel!!!

And to think American farmers receive only 12 cents of each dollar spent at the retail level.
THAT'S RIGHT BOBBY! ONE BUSHEL OF CORN CAN SWEETEN MORE THAN 400 CANS OF SODA!

SWEET!

COOL! WHAT'S NEXT?

I'VE SAVED THE BEST FOR LAST...

MEANWHILE, OUTSIDE THE SCIENCE DOME (JUST A FEW FEET AWAY FROM THE SODA STAND) . . .

THAT LIKE TOTALLY BLEW MY MIND!

SCIENCE DOME

DR. ROWE IS AWESOME! BIOTECH IS OFF THE HOOK!
I have an old friend that I'd like you to meet Bobby... and some new technology!

What's biotech?

I'm sharing our location...

Science dome? Totally!

Captain Cornelius and Bobby enter the science dome...

Captain, do you think I'm old enough for a cell phone?

You'll have to talk to your parents about that one!
IT'S DR. ROWE! INNOVATING AS USUAL...

CORNELIUS! BOBBY! I'M SO GLAD YOU TWO STOPPED BY.

DR. ROWE, TELL BOBBY ABOUT BIOTECHNOLOGY!

COOL!!
WELL BOBBY, BIOTECHNOLOGY IS SCIENCE! IT'S SCIENCE THAT IS HELPING ADVANCE CORN AND MEET THE GROWING WORLD DEMAND!

IT HELPS CORN FIGHT OFF INSECT INVADERS, TOO!

TRUE FACT! THROUGH THE USE OF CORN VARIETIES DEVELOPED THROUGH BIOTECHNOLOGY, FARMERS HAVE BEEN ABLE TO REDUCE THE AMOUNT OF INSECTICIDE THEY USE BY 65 PERCENT!

SUPER CORN!!!

HOW DO YOU ADVANCE CORN??

SCRATCH SCRATCH SCRATCH
GREAT QUESTION BOBBY! TO ADVANCE CORN WE NEED TO FIND WAYS TO GENETICALLY IMPROVE THE CORN! WAYS TO HELP THE CORN GROW STRONGER AND HEALTHIER!

DON'T FORGET YOUR LAB COAT!

HERE, TAKE A LOOK!

BOBBY STEPS UP ON THE STOOL TO TAKE A LOOK...

WHOA!!!

HE REMINDS ME OF A YOUNG DOCTOR I USED TO KNOW!

IS THAT RIGHT?
SO, HOW DO THOSE GENETICS LOOK?

THEY LOOK LIKE SUPER CORN!

ABOUT 90% OF U.S. ACRES GROW BIOTECH CORN NOW! AND THAT SUPER CORN HELPS FARMERS GROW FIVE TIMES MORE CORN THAN THEY COULD IN 1930... ON 20 PERCENT LESS LAND!!!

EX-CORN-INARY!
So Bobby, now do you understand why we celebrate corn?

I sure do! Corn is awesome!

Great! Because the firework show is about to begin!

Yah!
CORN IS ONE OF THE MAIN INGREDIENTS IN MY FIREWORKS! A PERFECT WAY TO END A PERFECT DAY! AND I STILL GOT SOAP TOO, IF ANYONE'S INTERESTED!!!

UPPERLY SPECTACULAR!
FROM FOOD AND FEED TO FUEL AND FIREWORKS, CORN IS OUT OF THIS WORLD!!!
1 bushel of corn = 56 pounds

292 million bushels helps feed Iowa animals like:
- Cows
- Chickens
- Pigs

An ear of corn averages about 800 kernels!

One acre of corn is about the size of a football field.

1% of corn grown in Iowa is sweet corn, which is the kind you and your family eat.

One bushel of corn equals 38 boxes of corn flakes and 324 cans of soda.

Want to hear some exciting news?

Scientists keep finding amazing new ways to use corn! Even car tires, clothing, mattresses, and candy wrappers are made with corn!