

Stuart Nielsen

The Bridge,
the Barge
and the Croc!

Another Bridge Building Robots adventure!





Dedicated to Kori and Emma

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Chapter One

"Bad things happen to good robots."*

*No robot dogs were harmed in the making of this story.

Another stormy night in the village of the Bridge Building Robots*



*See the first book, "No Bridge No Fair!", to understand why this is always a problem!



"Emma let's go for a walk, it's just a little rain."



Snap!

Snap!

Upstream from the village, the storm causes a barge to break free from the dock.

"Let's go to the end of the bridge and then back home."



Oh no, the barge is going to hit the bridge!



Crash!



Boooooom!





Kori makes her
way to shore.



Being underwater is not
my favorite thing.

EEEE m m m a a a !!





I need to find Emma!



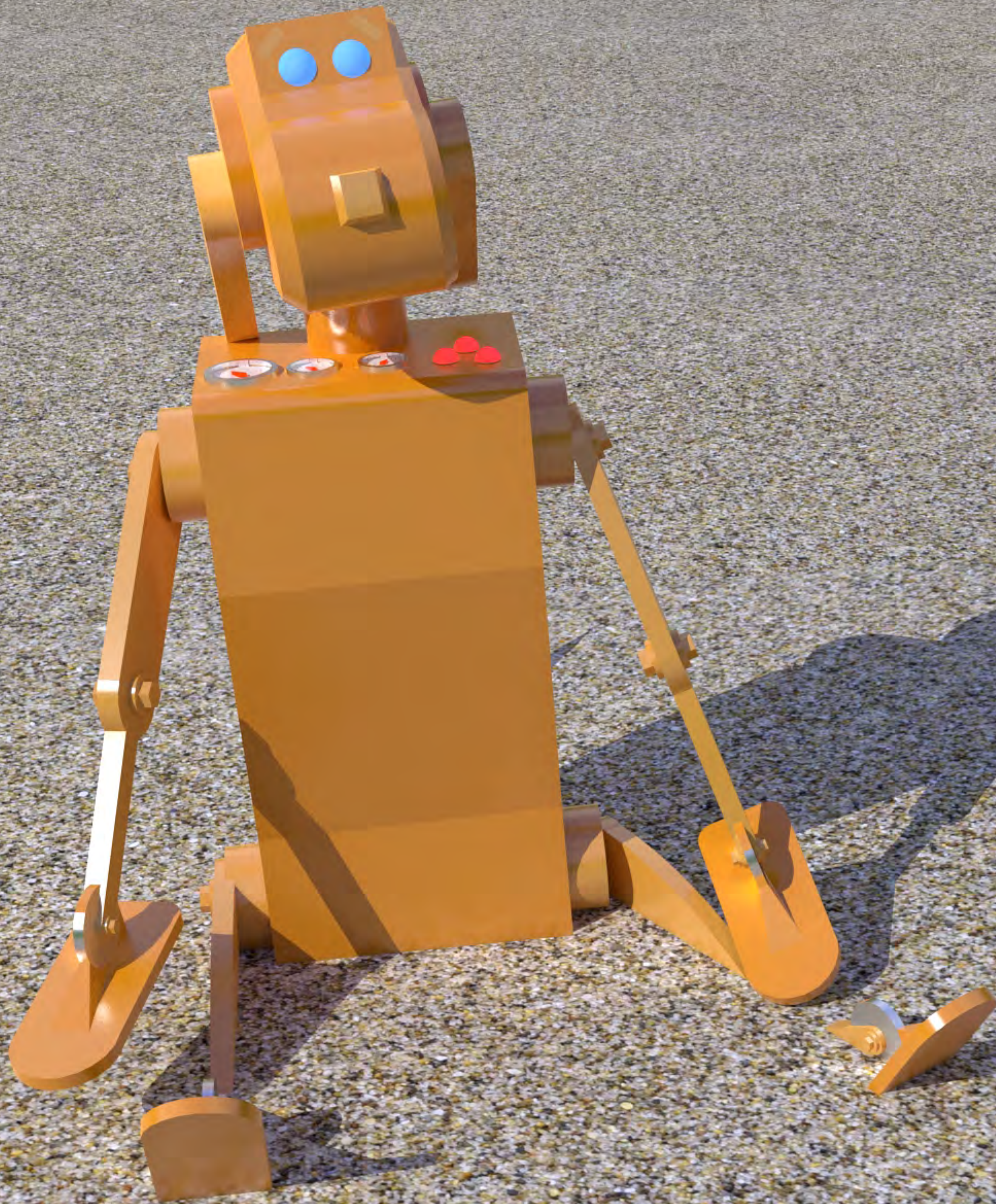
Chapter Two

"The sun will come out tomorrow."

Emma is washed on shore.



Where am I?





Kori is desperate
to find Emma!



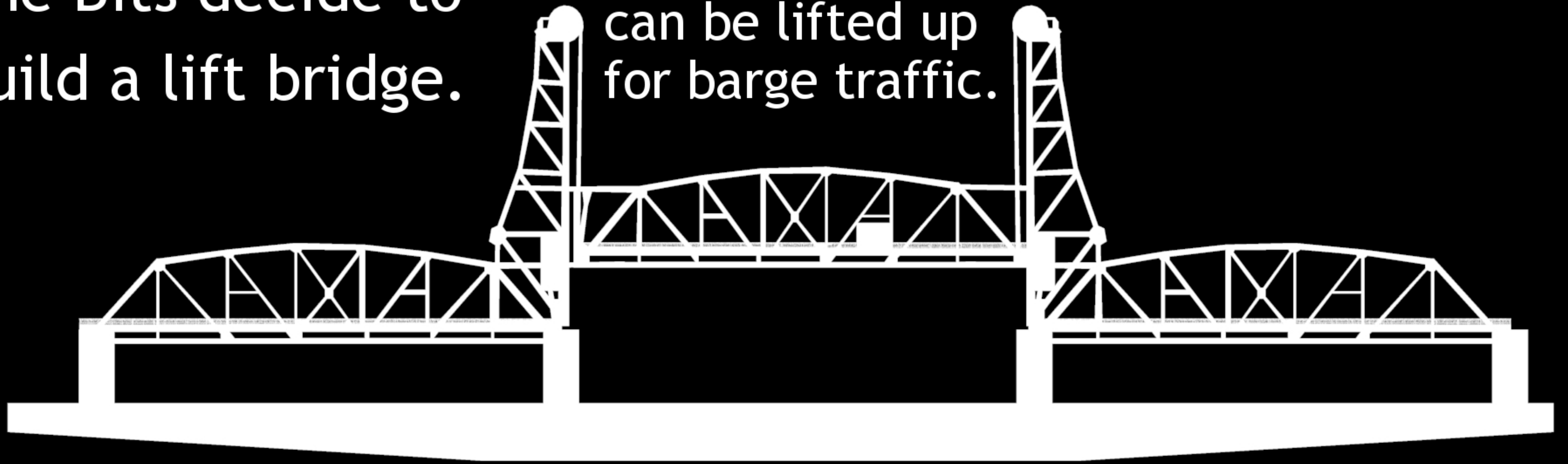
The Bits look at the damage done to the bridge by the runaway barge.



A steam donkey will help clean this bridge up!

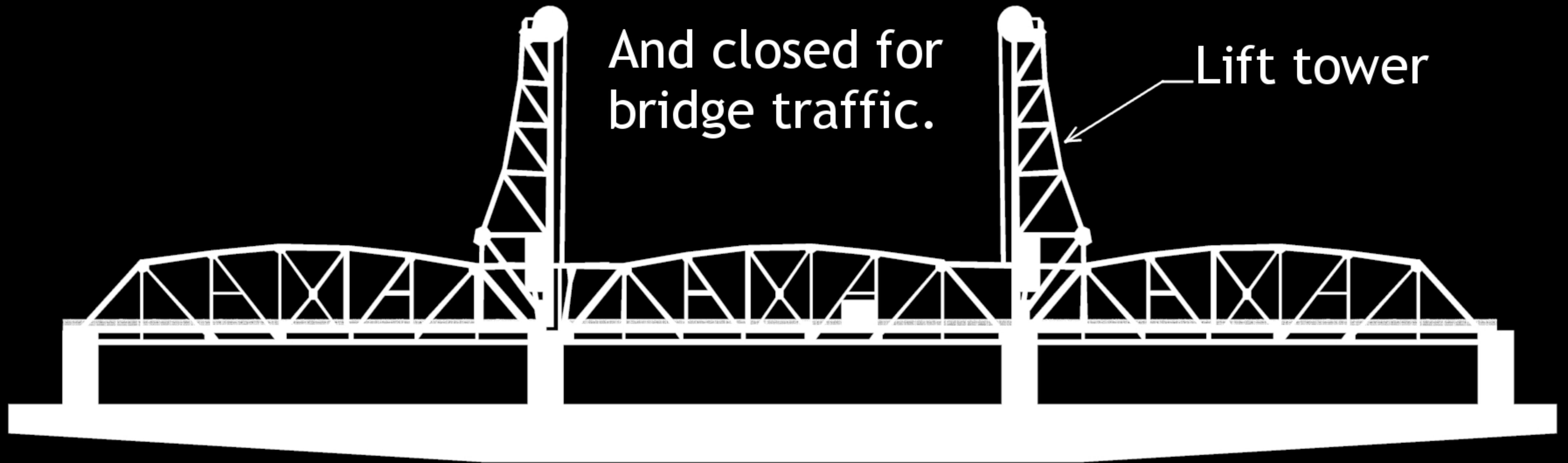
The Bits decide to build a lift bridge.

The middle span can be lifted up for barge traffic.



And closed for bridge traffic.

Lift tower





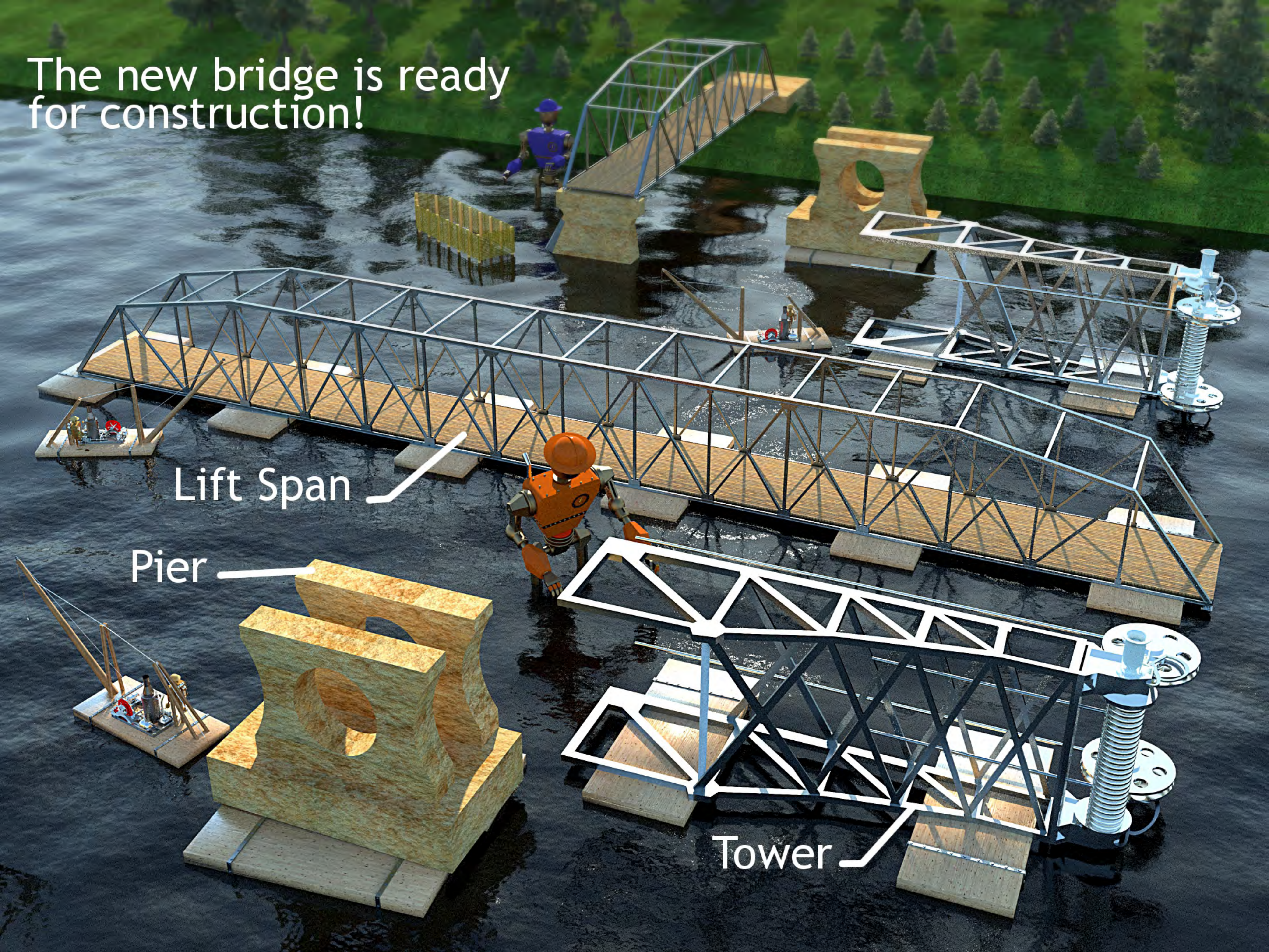
The Bits start building the bridge!

The new bridge is ready
for construction!

Lift Span

Pier

Tower





Betty in her BBR
Mk V diving suit.

Betty is going into the river to make sure the pier for the new tower is placed in the right spot.



Dudley helps Betty get
the pier in place.



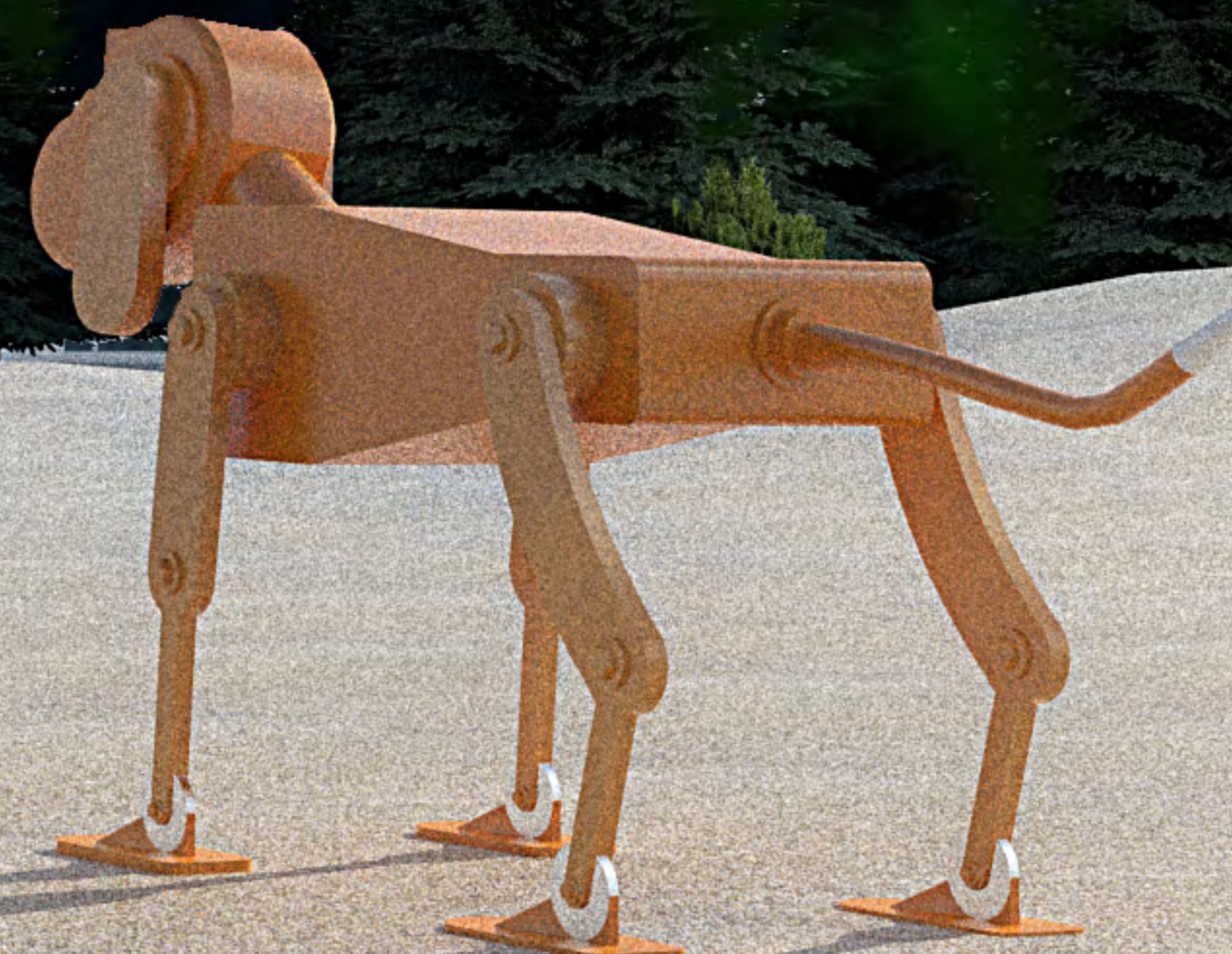
Rose and Dudley start setting the lift towers on the piers.





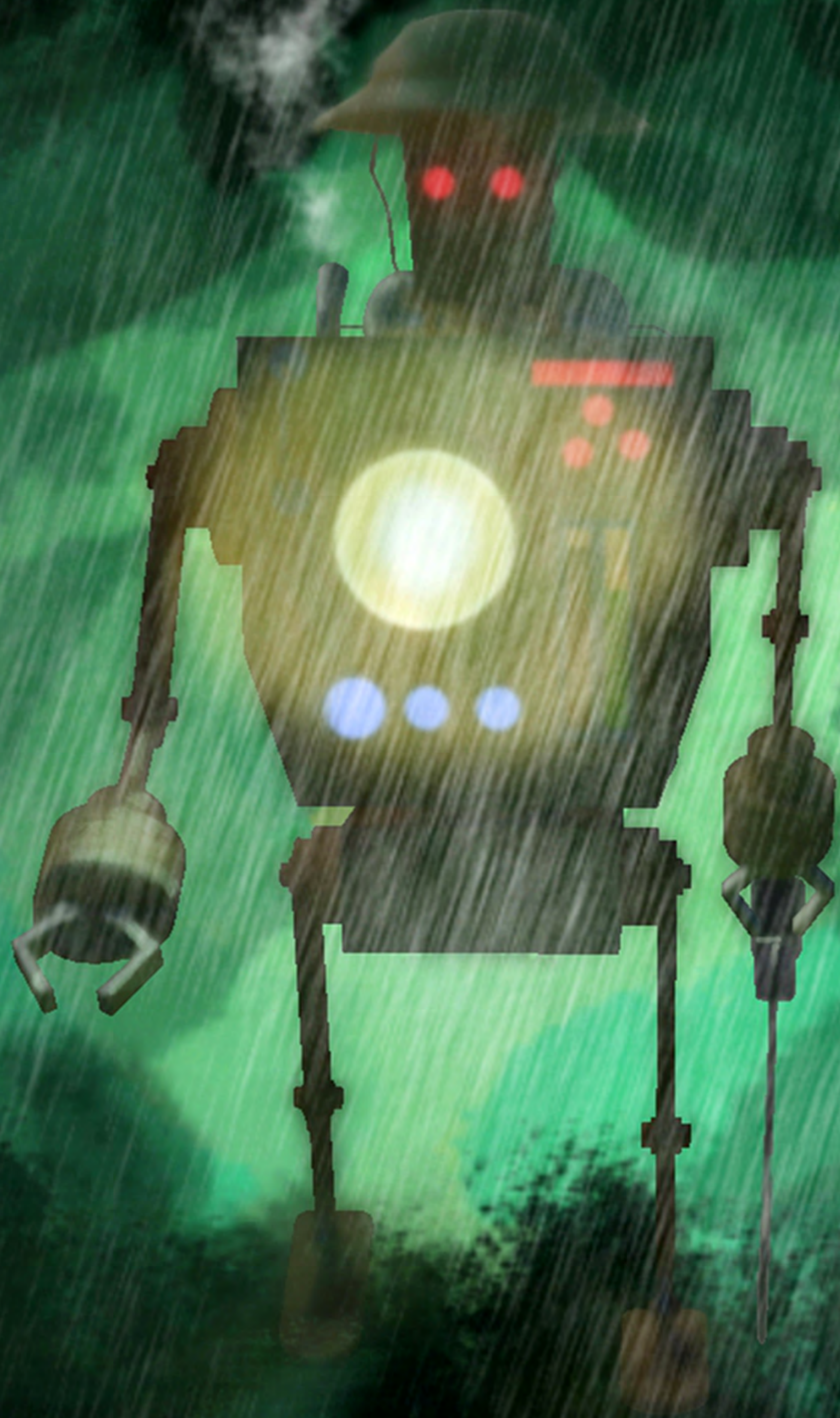
Dudley and Rose put
the center span in
place.

This might be a problem!

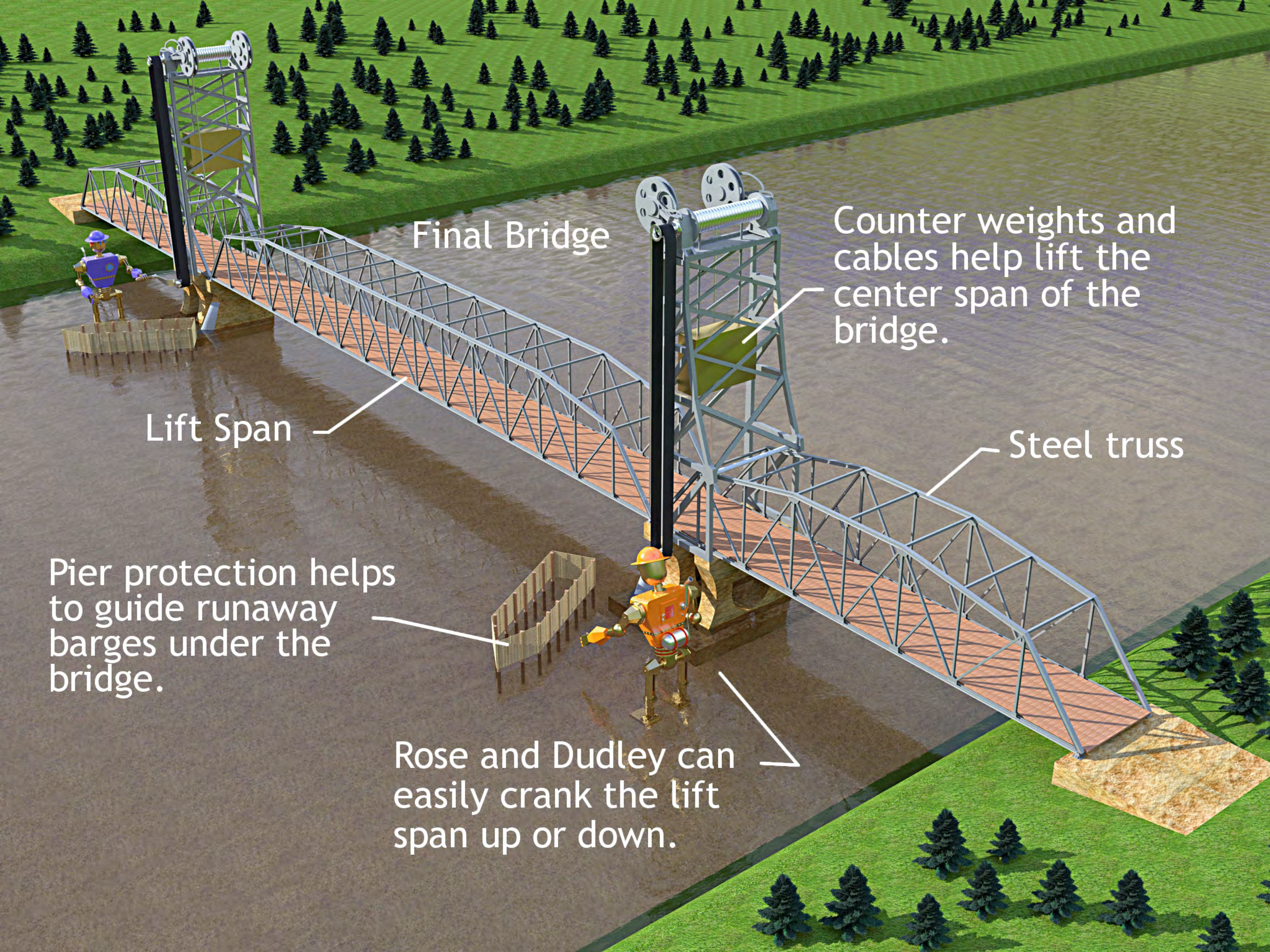




"You want me to do what!?"



Kori continues to search through the forest for Emma.



Final Bridge

Counter weights and cables help lift the center span of the bridge.

Lift Span

Steel truss

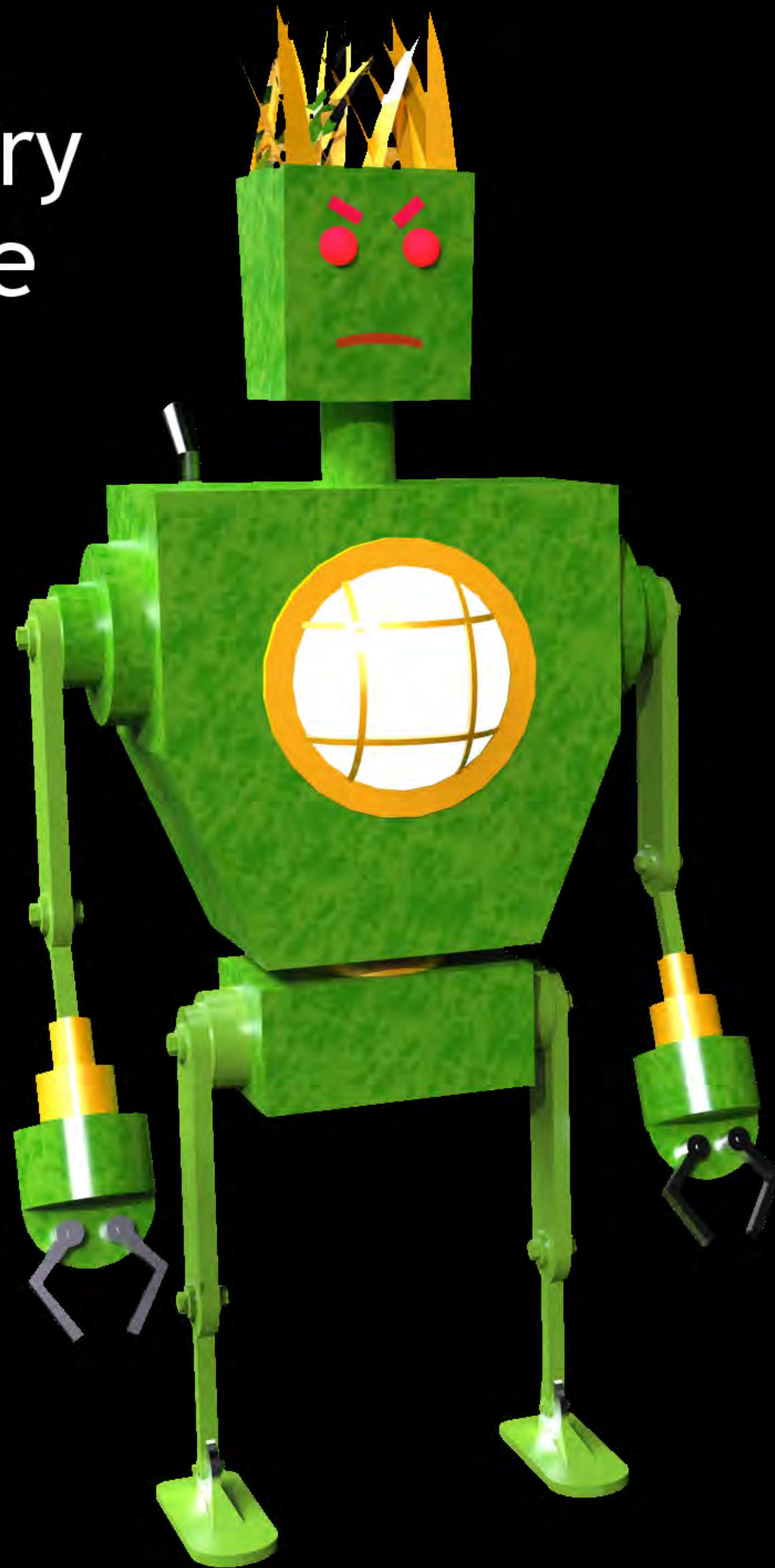
Pier protection helps to guide runaway barges under the bridge.

Rose and Dudley can easily crank the lift span up or down.

Chapter Three

"We want a bridge over troubled waters."

Angry
Pete



My daughter Maggie was exploring the nearby islands when she was attacked by an ancient creature.

We need a bridge to protect us from the monster and rescue Maggie and her friends from the island.

Leader of the forest Bots.



"Look out, a Rock Croc!"

Head for the island,
it's our only chance!

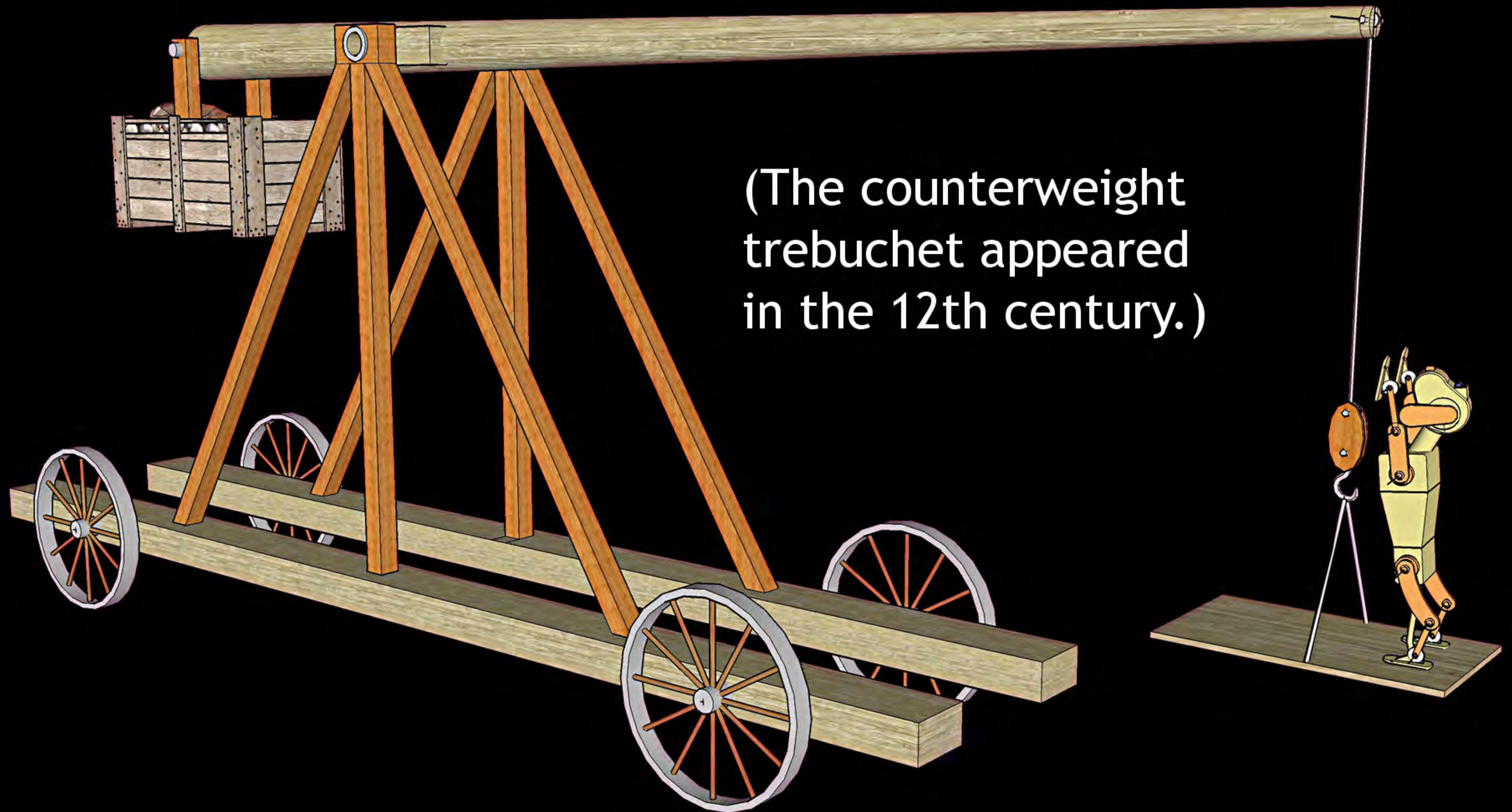


The crew makes it to
the island just in time!

Maggie yells, "Hurry!
Get up the ladder!"



The plan to rescue Maggie and her crew, starts with a trebuchet!



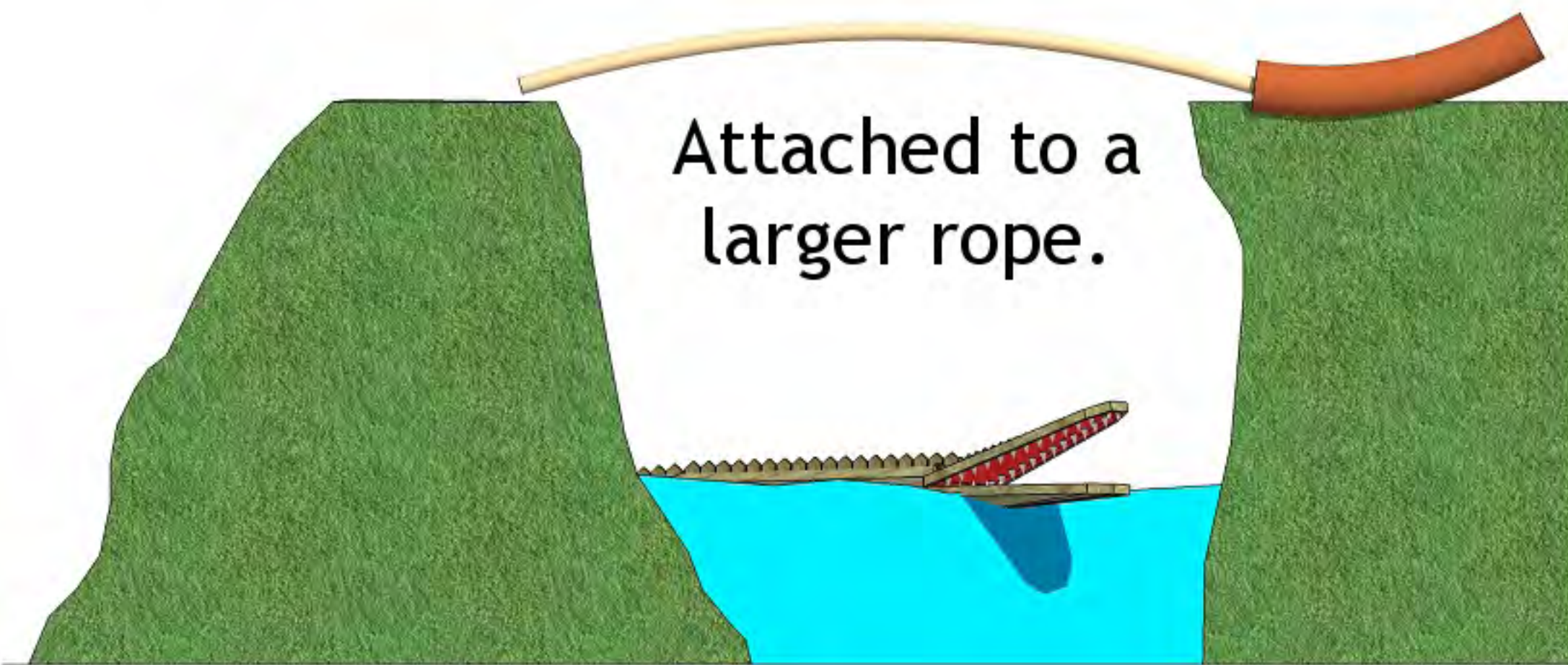


We need a suspension bridge.

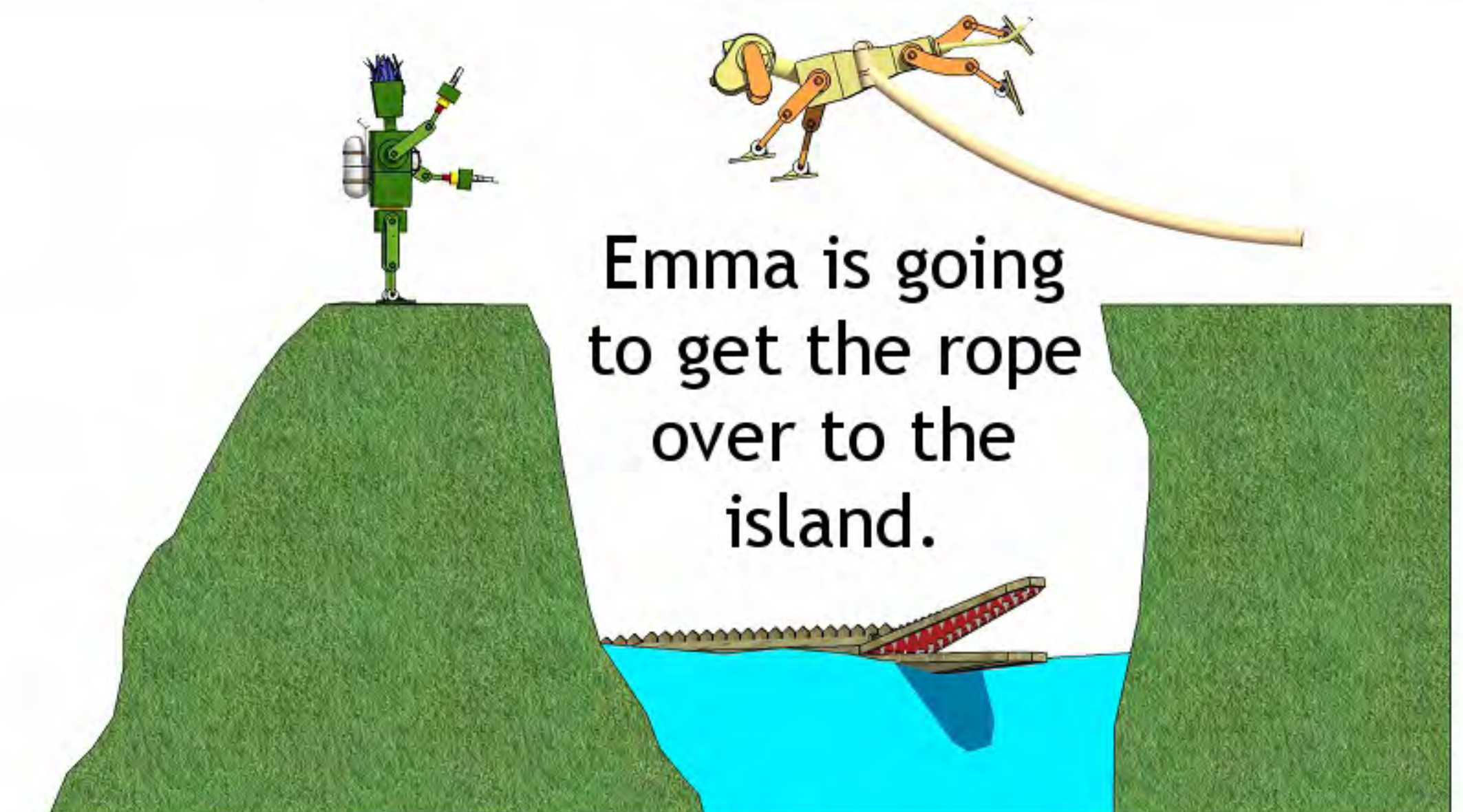


Add posts, steps and finish bridge.

First, throw a small rope over to the island.

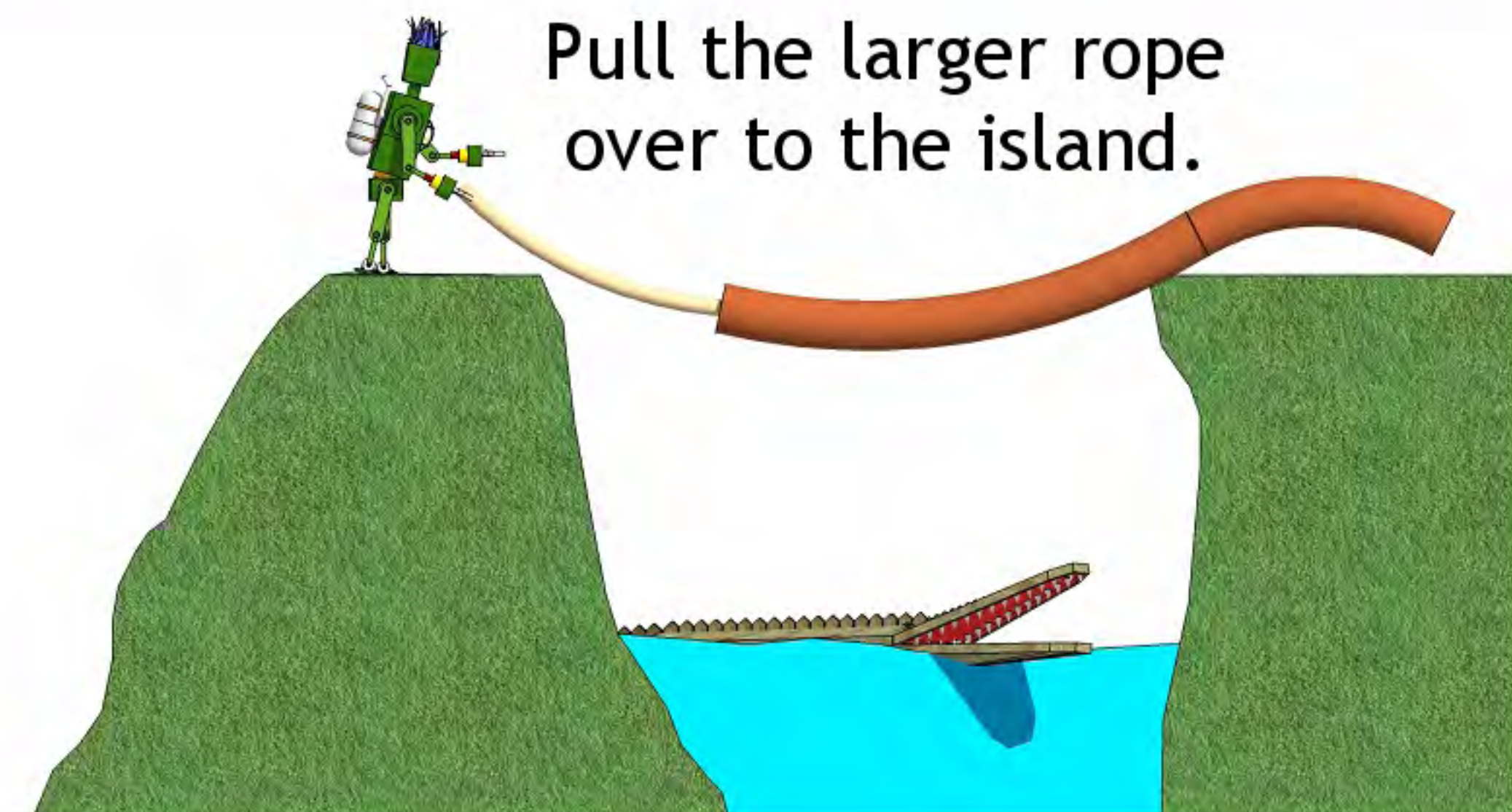


Attached to a larger rope.

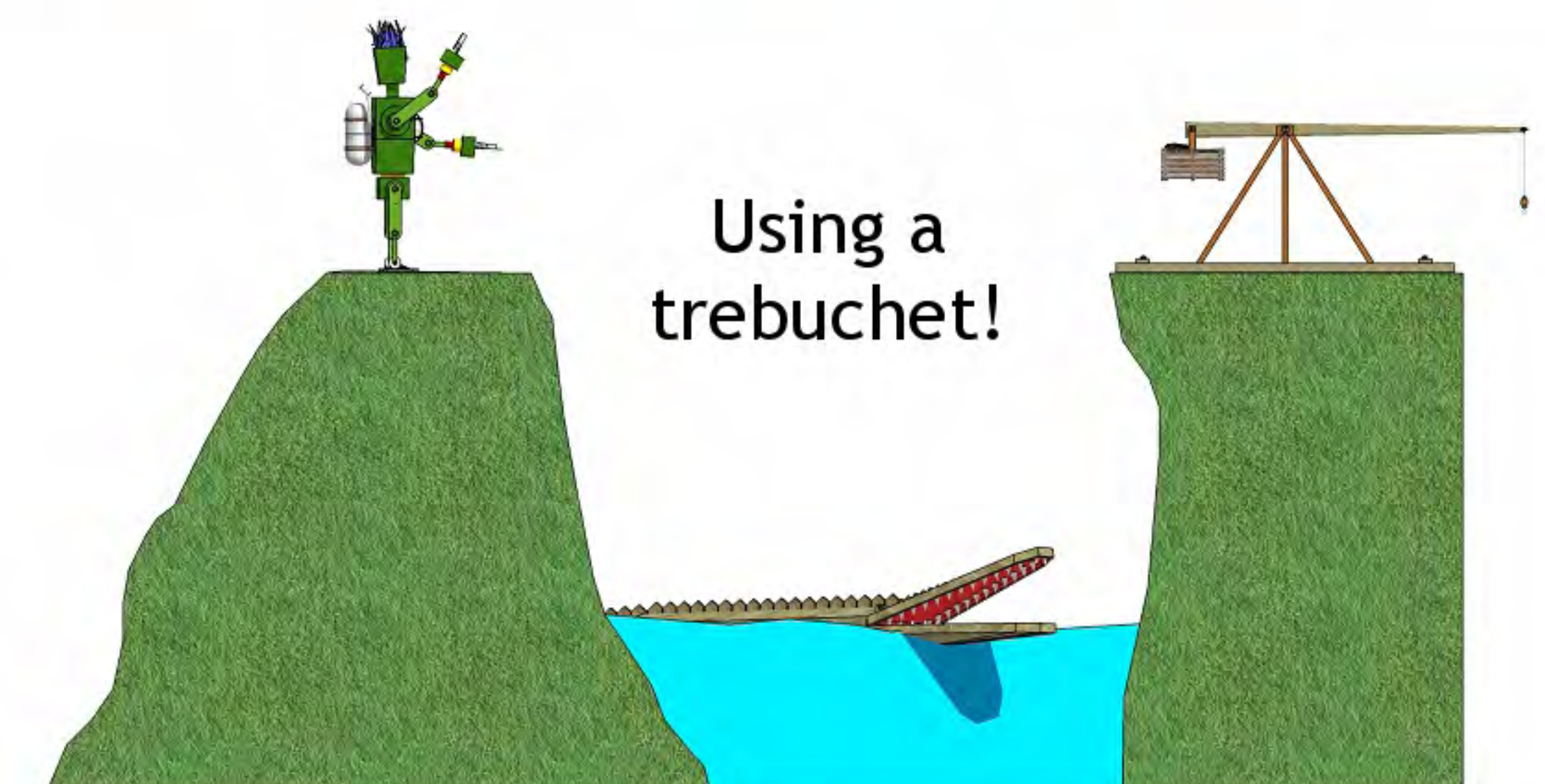


Emma is going to get the rope over to the island.

Pull the larger rope over to the island.



Using a trebuchet!



Ready!
Set!
Go!



Emma learns
to fly!



The roc croc seems to know about the flying Emma!



Emma is getting
near the island,
but is she on the
right course!





She made it!



Emma helps Maggie and her crew to pull the main ropes over for the new bridge.



Emma starts back to the other side, so she can help finish the bridge.

Kori finally finds
Emma and yells,
"Look out!"





Emma is slipping
off the ropes!



Emma falls!

Kori jumps on the
bridge and catches
Emma!



Got you!





Kori picks up Emma and runs for the end of the bridge!

Snap!

Chapter Four

"Bridge today, gone tomorrow."

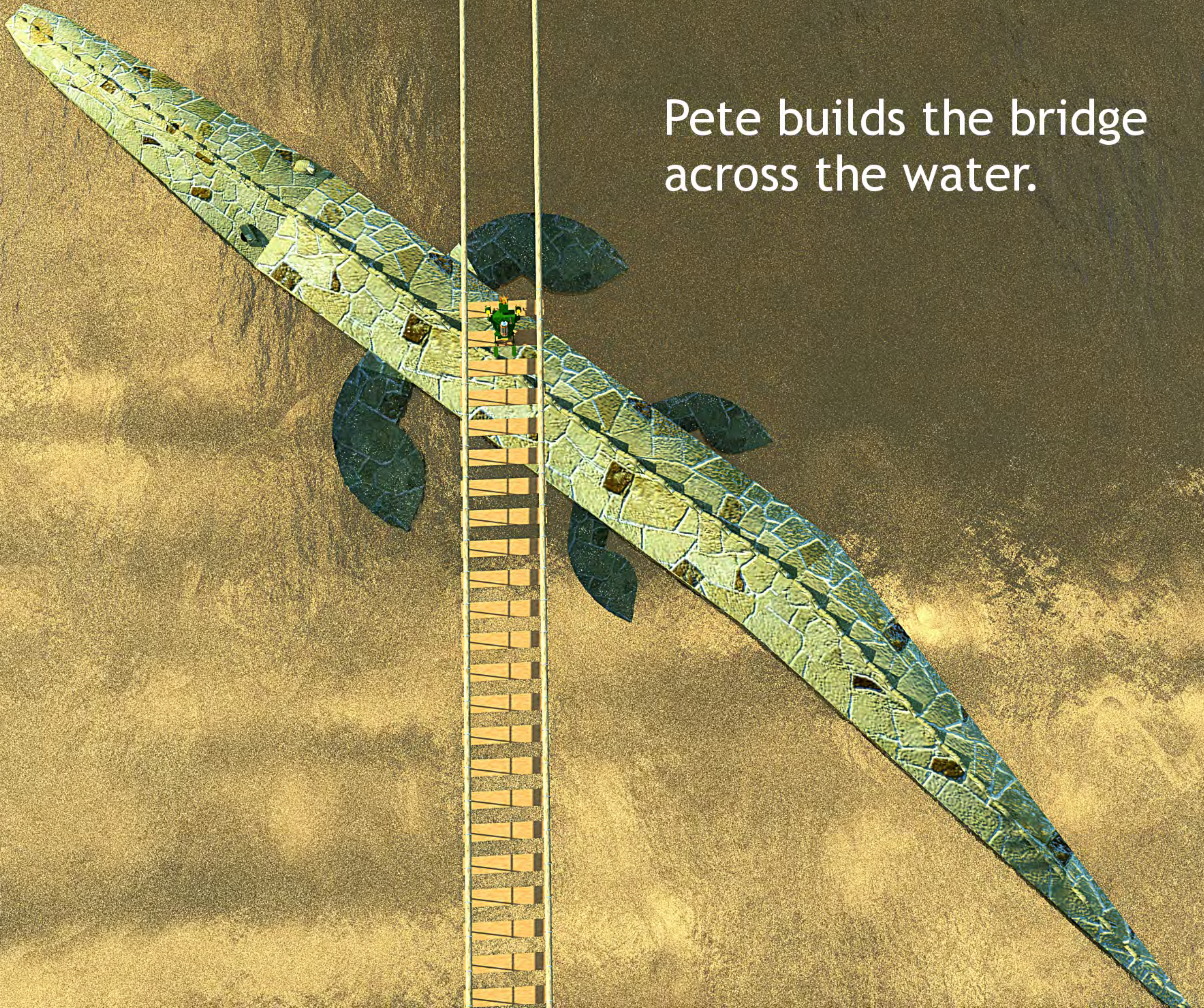


After making it to safety Kori says, "Emma I am so happy to see you again!"



Kori and Emma show Pete how to add hangers and steps to the bridge.

Pete builds the bridge
across the water.



The bridge is finished!



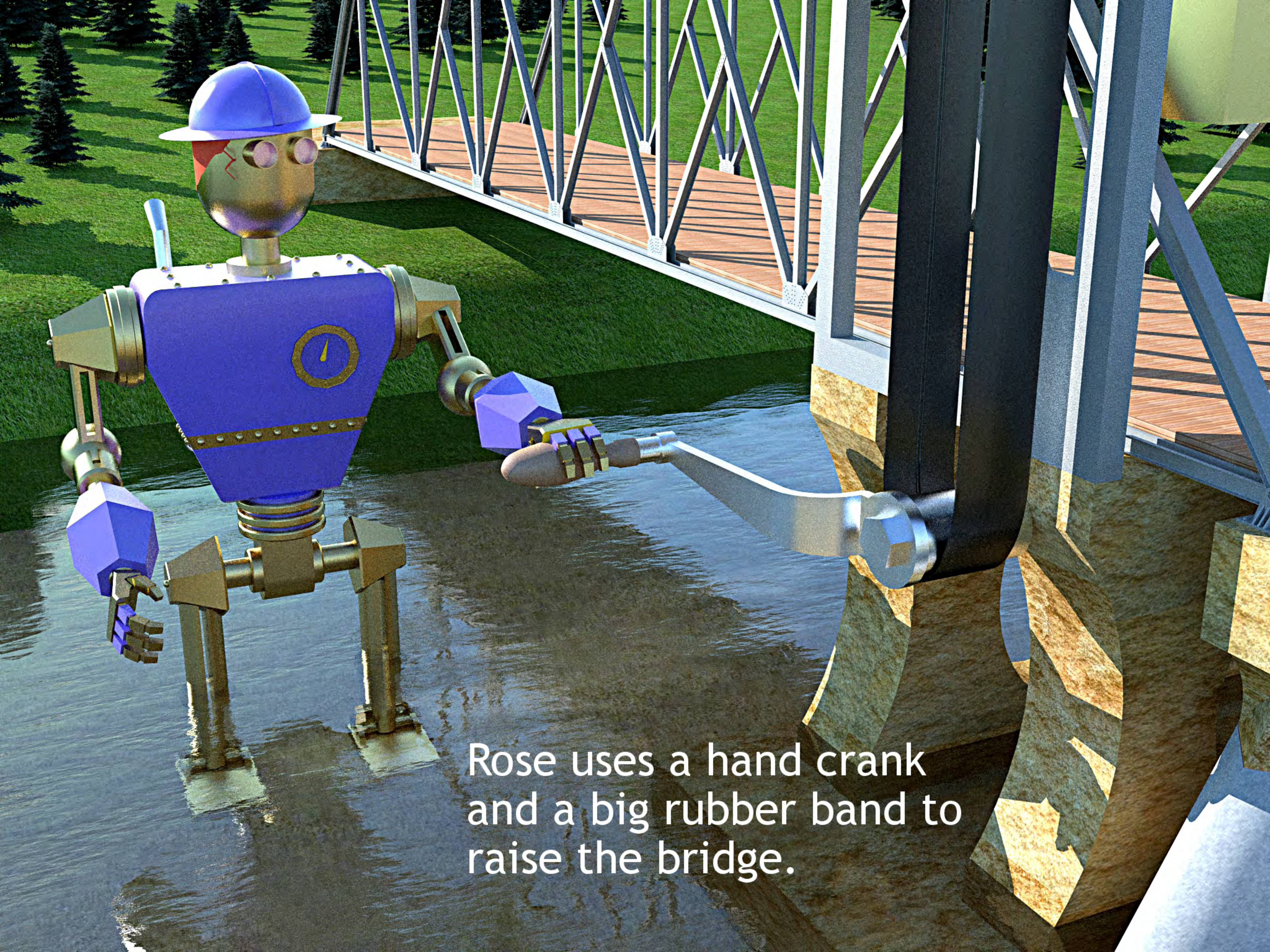


It looks like the rock
croc was just protecting
her children!

Emma and Kori,
thank you for
your help in
saving my
daughter Maggie
and her crew.



Kori and Emma say
goodbye and start
for home.



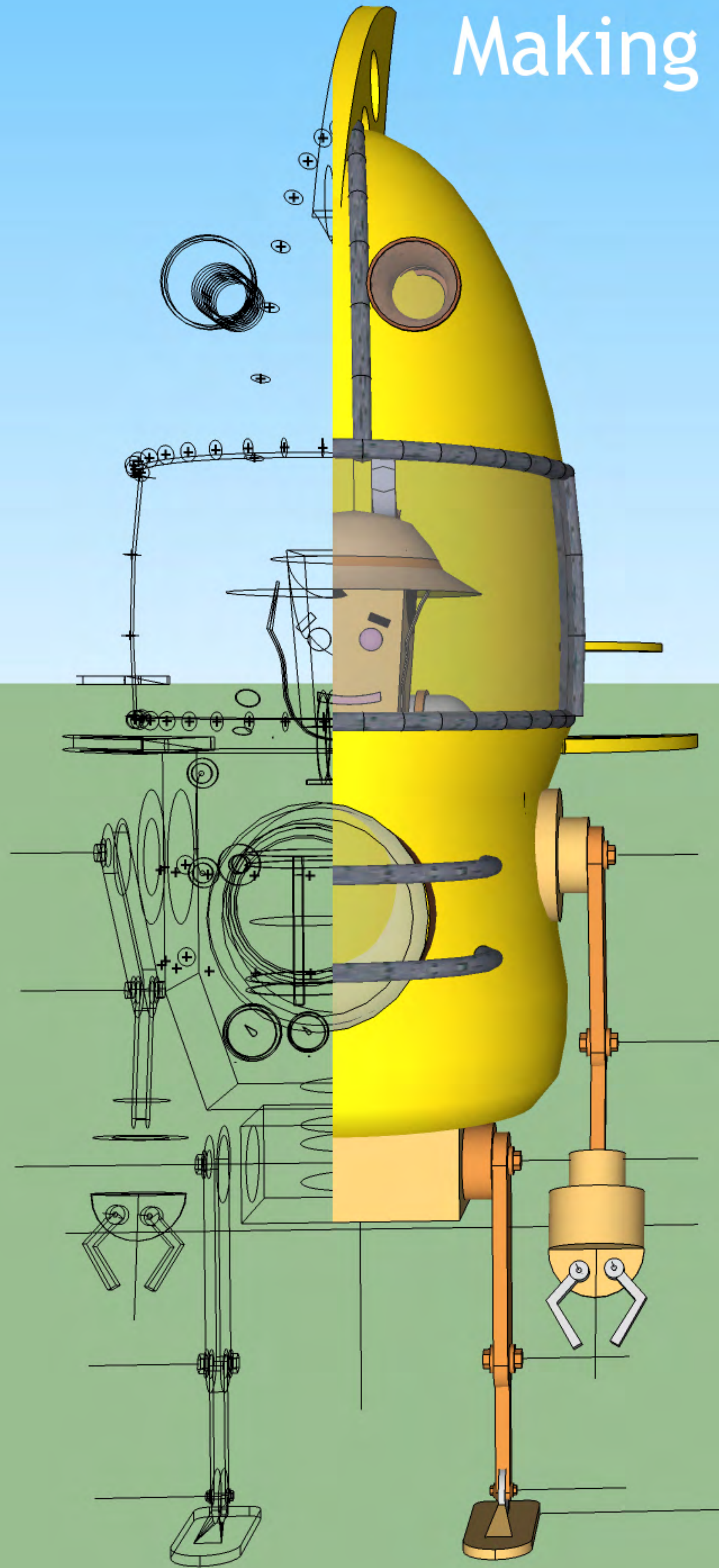
Rose uses a hand crank and a big rubber band to raise the bridge.

Kori and Emma
make it home in
time to

Celebrate!

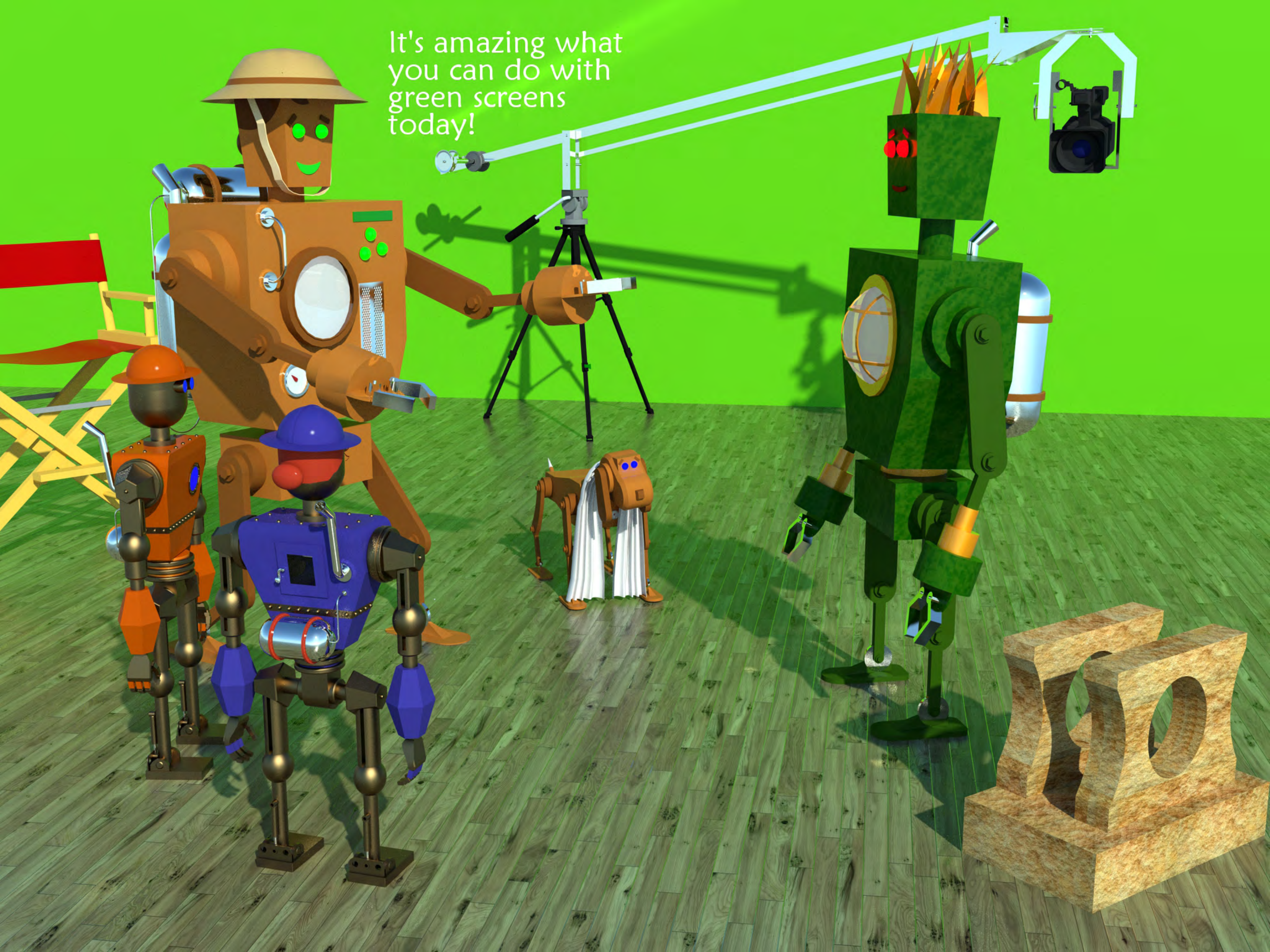


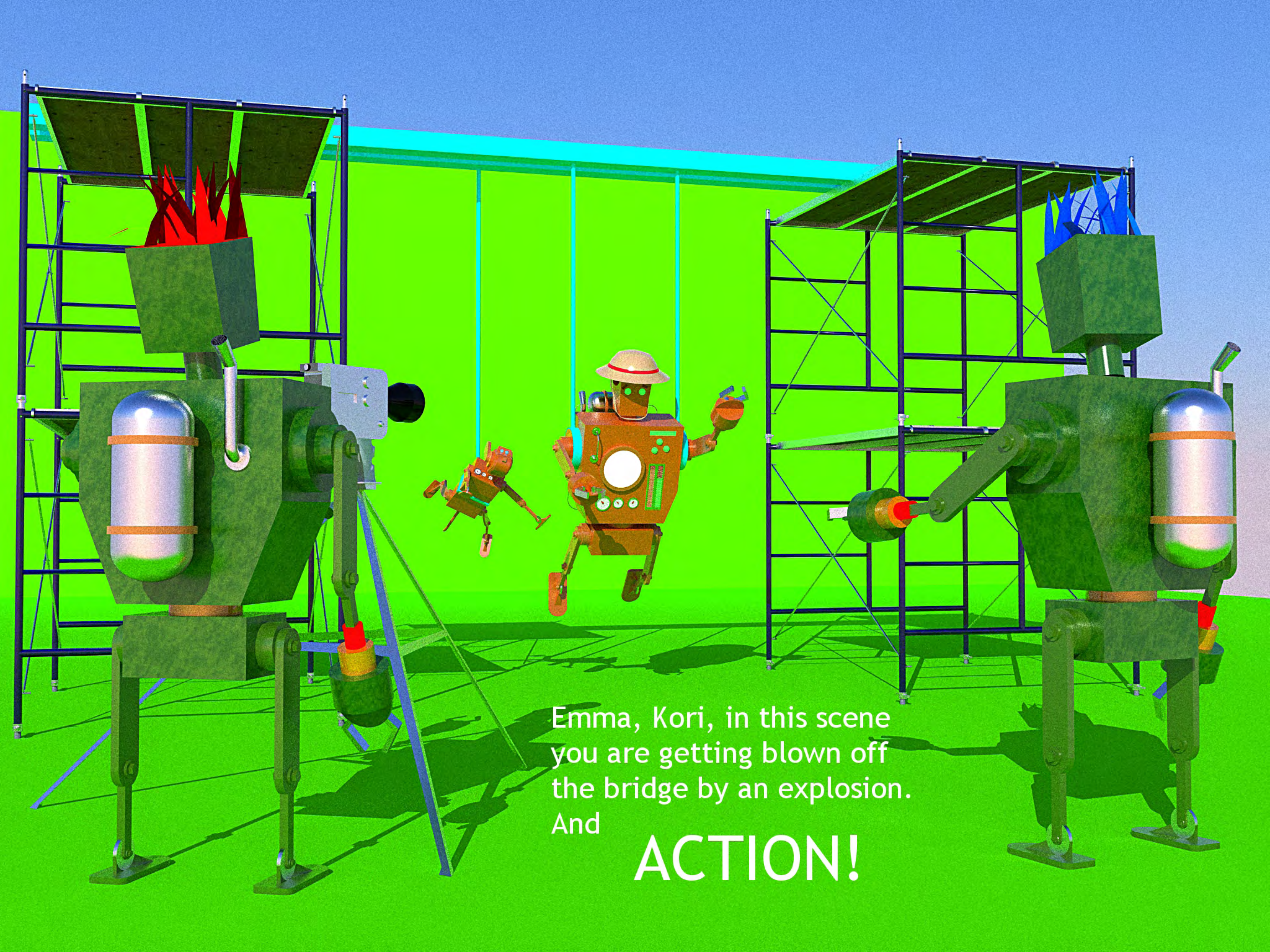
Making of the book!



Just about all the images in the book are based on 3D models with digital painting.

It's amazing what
you can do with
green screens
today!





Emma, Kori, in this scene
you are getting blown off
the bridge by an explosion.
And

ACTION!

All the characters in this book are named after members of my family.

Emma - superlative dog, Betty - fantastical dog, Dudley - impressive horse, Pete - delicate cat, Rose - gregarious cat, Maggie - beautiful missed dog, and Kori - the wonder wife!

For more books about Bridge Building Robots, check out www.NieKo.com, for free ebook downloads.

If you liked this book please leave a review on my Amazon book pages. You don't have to buy a copy to make a comment!



Stuart Nielsen is a professional engineer who enjoys making books in his spare time.

Guys, don't worry, the
croc will only be this big!





"I wonder what happens next.."