

## DARTH MAUL™ 3D PROJECTOR

## The story of Darth Vader begins...



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- Young Anakin, a slave on Tatooine, is found by Obi-Wan Kenobi and Qui-Gon Jinn.
- After winning a Podrace, Anakin is granted freedom and goes with Obi-Wan and Qui-Gon to train as a Jedi.
- Naboo is invaded by the Trade Federation army and a battle between battle droids and Gungans begins.
- Trying to help, Anakin boards a Naboo N-1 Starfighter and inadvertently destroys the connection between the Droid Control Ship and the battle droids.
- Obi-Wan and Qui-Gon battle Darth Maul, ending in the deaths of both Qui-Gon and Darth Maul.

## Jedi Master Yoda

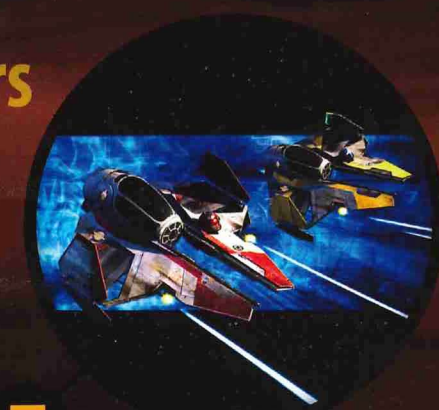
- Lives to be over 900 years old.
- His connection to the Force is unmatched.
- His staff, or Gimer Stick, was a gift from the Wookiees.
- Trained many Jedi initiates, including Luke Skywalker, who became his final student.
- Spent his final years in personal exile on Dagobah after the evil Empire took over.



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## Jedi Starfighters

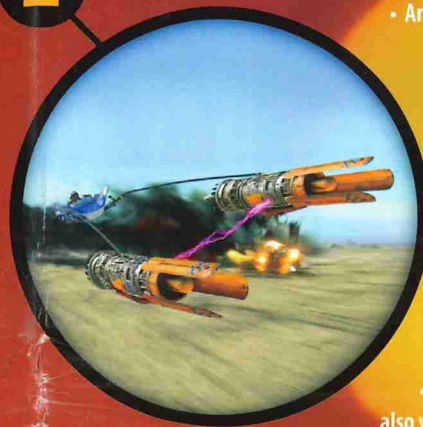
- Also known as Eta-2 Actis interceptors, these starfighters replaced the Delta 7 fighters.
- The Eta-2s were more efficient because of the new compact design.
- Manned by a pilot and a droid.
- Armed with dual laser cannons and ion cannons.
- Hyperdrive boosters are sometimes used to assist the interceptors in the jump to hyperspace.



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## Anakin's Podracer

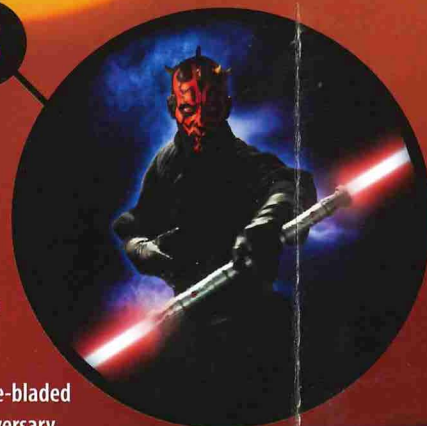
- Anakin's Podracer is a Radon-Ulzer 620C.
- Podracing is a highly dangerous sport with extreme speeds reaching up to 900 kilometers per hour.
- A Podracer is a repulsorlift-equipped cockpit hauled by a pair of exceptionally strong turbine engines.
- Anakin is one of the youngest pilots ever to compete in a Podrace.
- Anakin won the Boonta Eve Classic held on Tatooine.
- The Classic is one of the most popular Podraces, also well known for its high amount of casualties.



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## Darth Maul

- One of the most dangerous Sith Lords in the *Star Wars* galaxy.
- Unmatched skills with the Sith double-bladed Lightsaber make him a truly deadly adversary.
- Sinister red and black tattoos and 10 horns add to his fearsome visage, demonstrating his complete devotion to the dark side.
- Maul's master was Sith Lord Darth Sidious.
- Obi-Wan sent Darth Maul to his doom by slashing him in two with his lightsaber.



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## The rise of the Empire...

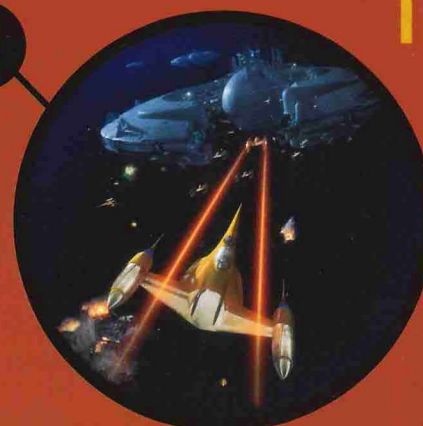
- Tormented by the visions of Padmé's death, Anakin is convinced by Palpatine that only powers granted by the dark side can save her.
- Faced with the choice of siding with Mace Windu or Palpatine, Anakin strikes down Mace Windu and becomes a Sith Apprentice to Darth Sidious, taking the new name of Darth Vader, Dark Lord of the Sith.
- Obi-Wan and Vader battle on Mustafar where Obi-Wan fatally wounds his former Padawan, leaving him to perish. Palpatine, having taken the title of Emperor, saves Vader and resurrects him using artificial limbs and a suit to keep his organs functioning.
- Now entombed in armor, Darth Vader becomes Emperor Palpatine's most feared enforcer, ushering in a Galactic Empire.
- The Empire holds the galaxy in the grip of tyranny for decades, until a valiant group of Rebels rises to oppose it.
- Anakin Skywalker's twin children, Luke and Leia, continue the Skywalker legacy as they battle to restore freedom to the galaxy.



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## Droid Control Ship

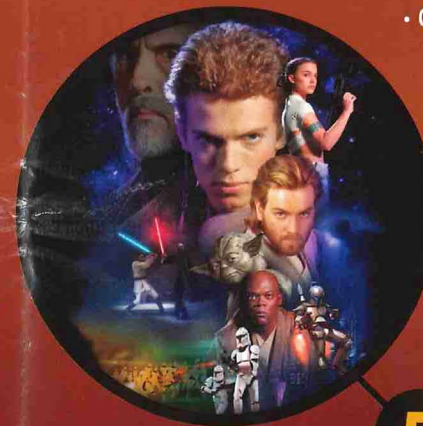
- Undeniably the most important ship within the Trade Federation fleet.
- Signals sent from the ship control the battle droids and droid starfighters in the Trade Federation army.
- In his quest to help the Jedi defeat the Trade Federation on Naboo, Anakin lands an N-1 Starfighter in the ship and inadvertently takes it down from the inside.
- The Trade Federation is led by the Neimoidians. However, they secretly answer to the Sith Lord Darth Sidious, who manipulates events in a plot to rule the galaxy.



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## The outbreak of the Clone Wars...

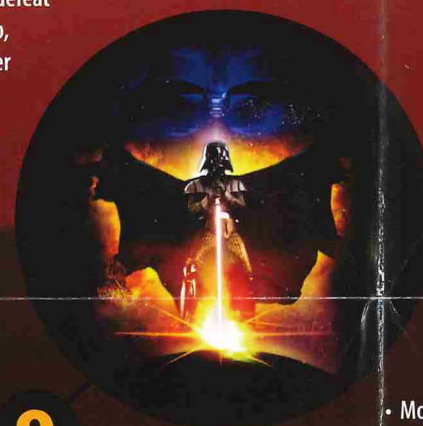
- An attempt is made on Senator Padmé Amidala's life and Anakin Skywalker is assigned to protect her.
- Looking into the assassination attempt, Obi-Wan heads to Kamino and finds an army of clones being created for the Republic in the image of bounty hunter Jango Fett.
- Count Dooku, former Jedi and leader of the Separatist movement, is found to be behind the plot against Padmé. It is also discovered that the Separatists are creating a Droid Army in a hidden factory on Geonosis.
- The Battle of Geonosis marks the beginning of the Clone Wars. While clone troopers engage the Droid Army, Count Dooku defeats Obi-Wan and Anakin in a lightsaber duel, then faces Master Yoda himself before making his escape.



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## Darth Vader

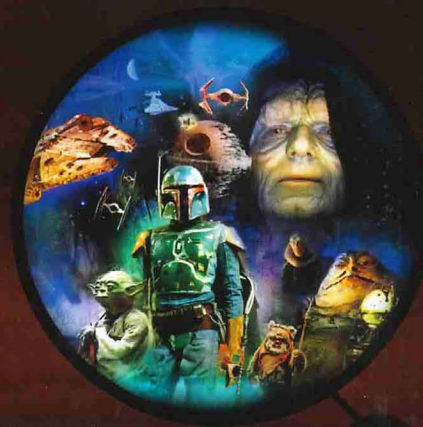
- The life support system inside Vader's suit allows him to survive.
- The Imperial 501st Legion of Stormtroopers, also known as Vader's Fist, fought for Darth Vader.
- Darth Vader built a new red-bladed Lightsaber powered by synth-crystals after his duel with Obi-Wan on Mustafar.
- More machine than man, Darth Vader's arms and legs are robotic prosthetics.
- Still one of the greatest pilots in the galaxy, Vader pilots a prototype TIE Advanced x1 starfighter.
- Vader's armor is constructed of durasteel, a lightweight but highly durable metal.



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## The end of the Skywalker saga...

- Luke Skywalker receives his Jedi training on Dagobah from Jedi Master Yoda, who also instructed a young Anakin Skywalker.
- Luke and Leia must rescue Han Solo from the clutches of the Hutt gangster, Jabba the Hutt. Han has been captured by Boba Fett, the cloned son of Jango Fett.
- Luke joins the Rebellion forces on Endor in their quest to destroy the second Death Star. While Han and Leia take out the shield generator, Luke surrenders to the Imperial forces.
- Lando Calrissian takes the code name Gold Leader as he pilots the *Millennium Falcon* and destroys the second Death Star.
- In the final confrontation between Darth Vader and Luke Skywalker, Luke senses there is still good in his father and refuses to strike him down.
- Moved by compassion for his son, Vader rejects the dark side and turns on the Emperor. By sacrificing himself, Vader brings balance to the Force, and freedom is restored in the galaxy.



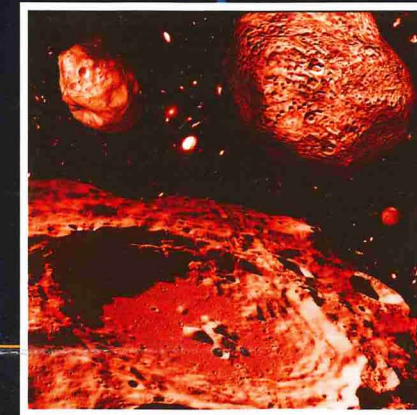
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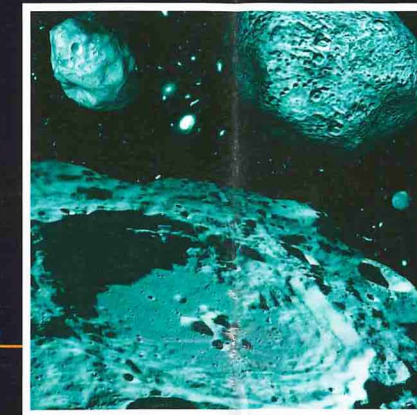
# Earth

Have you ever wondered how a 3D image looks three-dimensional?

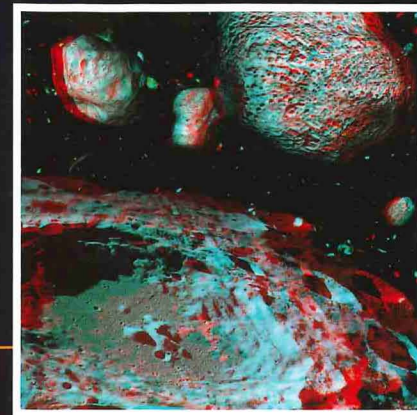
For an image to appear in 3D, two offset images need to be independently viewed by the **right and left eyes**. The brain then puts them together and the combined image is perceived by the viewer to be in 3D.



Left eye  
(Simulated)



Right eye  
(Simulated)



3D image

## Stereoscopy

The method of 3D imaging is called **STEREOSCOPY**.

This can be done in a few different ways:

- Wear glasses that combine images from **two different sources**.
- Wear glasses that combine two images from **one single source**.
- The most recent advancement in 3D technology is **Autostereoscopy**, which allows the viewer to see in 3D without the use of 3D glasses.



**DID YOU KNOW?**

A great deal of live-action movies and animated films are now made in 3D.

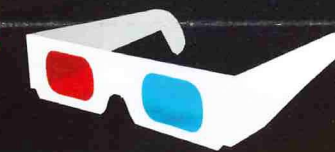
## 3D Glasses

**Red/Blue – Used to view ANAGLYPH films and images**

Anaglyph is when an image is made up of two different colors layered on top of the other.

When you view an anaglyph image through the colored lenses, it creates the illusion of depth. This is because the red lens only allows the left eye to see the blue part of the image, while the blue lens only allows the right eye to see the red part of the image.

The first anaglyph 3D film was done in 1915.



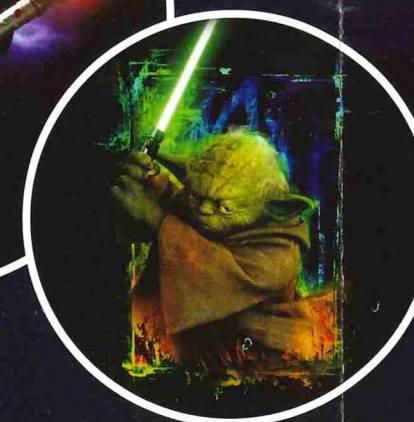
**Polarized**

A more recent technology to create the perception of 3D is polarization.

Polarized glasses do not have colored lenses. To the naked eye they look like regular eyeglass lenses. They use lenses that restrict the light (or image in the case of the 3D Projector) that is seen by each eye.

Polarization works well for projecting images for things such as movies and television shows, since the image appears in full color. In addition to viewing with polarized glasses, this type of 3D imaging needs to be shown on special types of screens.

Polarized 3D images have been around since the 1930's.



**Spectrum 3D**

With this type of 3D imaging, the lenses refract the spectrum of light opposite of one another. The result is a 3D effect as shown here in the light spectrum:

This is the method used in the Darth Maul 3D Projector.

Take a look at the image of Darth Maul. Since his face and lightsaber blades have red, they come to the front of the image. The area behind Maul has blue and it recedes further into the background.

In the image of Jedi Master Yoda, the colors are mostly orange, green and blue. The blue recedes to the background and Yoda, his cloak a shade of orange and skin green in color, pops to the front of the image.

Appears in background

Violet	V
Indigo	I
Blue	B
Green	G
Yellow	Y
Orange	O
Red	R

Appears in foreground

**DID YOU KNOW?**

Some televisions are now made for 3D so you can watch 3D shows at home!



# STAR WARS™

## SCIENCE

### DARTH MAUL™ 3D PROJECTOR

8+  
15044

AA/LR6 x4 Batteries not included  
Requires 4 x 1.5V AA/LR6 batteries

**IMPORTANT:** For best 3D image projection, use in a completely darkened room.

3D glasses are only for viewing 3D images. Do not wear for long periods of time or while performing physical activities. Not to be used as sunglasses.

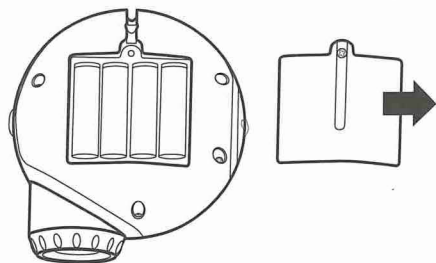
#### CAUTION:

Do not look directly into the light source. Doing so can cause serious and irreparable eye damage.

#### BATTERY INSTALLATION

Tool required - Small Phillips head screwdriver

1. Using a Phillips head screwdriver, remove the battery cover as shown.
2. Insert 4 "AA" batteries as indicated in the battery compartment and replace cover.

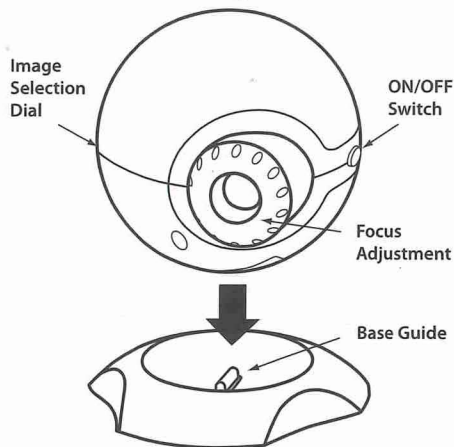


#### BATTERY SAFETY INFORMATION

- Non-rechargeable batteries are not to be recharged
- Rechargeable batteries are to be removed from the toy before being charged
- Rechargeable batteries are only to be charged under adult supervision
- Different types of batteries or new and used batteries are not to be mixed
- Batteries are to be inserted with the correct polarity
- Exhausted batteries are to be removed from the toy
- The supply terminals are not to be short-circuited
- Do not mix old and new batteries
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries
- Do not dispose of batteries in fire. Battery may explode or leak.

#### SET UP AND OPERATION

1. Use the product in a room with a smooth white wall or ceiling.
2. Place the projector unit in the base, aligning it with the base guide as shown. You can now position the projector unit at the desired angle.
3. The projector should be about three to five feet from the projection surface.
4. Focus as needed turning by the Focus Adjustment.
5. Rotate Image Selection Dial to select image.



Uncle Milton®

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE — DO NOT DISCARD

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