







## TRAVELLING THROUGH TIME

#### WITH BACK TO THE FUTURE

Back to the Future is a trilogy of timeless movies that follows the adventures of skateboarding teenager Marty McFly (Michael J. Fox) and his scientist friend "Doc" Emmett L. Brown (Christopher Lloyd). In the first film (1985), Marty finds himself the unwitting driver of Doc's heavily modified plutonium-powered DeLorean time machine, and is accidentally sent back in time to the year 1955.

In a fast-paced race against time, Marty must first ensure that his future parents fall in love, and then must harness a new source of energy – a 1.21 "jigowatts" lightning strike – to power the time machine and propel him back to the future. With its perfect mixture of comedy, action and science fiction, *Back to the Future* was the most successful film of 1985, and remains one of Universal Studios' biggest blockbusters ever. Two sequels appeared in 1989 and 1990 with the DeLorean Time Machine again playing a central role in both adventures.



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The *Back to the Future* films have remained immensely popular since their release, so much so that in 2007, the US Library of Congress added the original movie to its National Film Register as one of 25 elite films deemed to have enduring importance to popular American culture, to be preserved for all time.

Marty McFly: Wait a minute, Doc. Ah... Are you telling me that you built a time machine... out of a DeLorean? Doc Brown: The way I see it, if you're gonna build a time machine into a car, why not do it with some style?

### THIS TIME MACHINE

#### WILL TRANSPORT YOU BACK TO THE FUTURE

The DeLorean Time Machine is without a doubt one of the most important stars in the *Back to the Future* trilogy. In the story, we learn that it has taken Doc Brown nearly 30 years to create his 'Flux Capacitor,' which makes time travel possible. Doc selected the DeLorean DMC-12 as his vehicle of choice because its stainless steel construction allows for the optimal level of flux dispersal. This ensures that the vehicle and its passengers can

experience a smooth passage through the space-time continuum.



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An original car used in filming has been restored and is on display at the Studio Tour, Universal Studios Hollywood. In reality, the filmmakers chose the sleek and stylish DMC-12 because its characteristic gullwing doors gave it a unique, futuristic look. Five actual DeLorean vehicles were used in the filming of the movies, while one more was specially modified for interior shots. Aircraft parts, blinking lights and other components were added for effect, while carbon dioxide extinguishers were

hidden inside the car to simulate the exhaust system output. Liquid nitrogen was poured onto the car for scenes after it had traveled through time to give the impression that it was cold.

TEMPORAL DISPLACEMENT MODIFICATIONS & EQUIPMENT	
Flux Capacitor Flux Capacitor Mr. Fusion Home Energy Reactor	
(2015 Version) TFC Drive Circuits Switch Time Circuits	
Display Monitor Input Keypad Light Water "Street Legal"	-
Nuclear No	
Overhead Console Cabin Oxygen Tank Liquid Oxygen Chambe	rs
Liquid Oxygen	

# HIGHLIGHTS



As the world's largest private funder of Parkinson's research, The Michael J. Fox Foundation is dedicated to accelerating a cure for Parkinson's disease and improved therapies for those living with the condition today. The Foundation pursues its goals through an aggressively funded, highly targeted research program coupled with active global engagement of scientists, Parkinson's patients, business leaders, clinical trial participants, donors and volunteers. In addition to funding more than \$300 million in research to date, the Foundation has fundamentally altered the trajectory of progress toward

a cure. Operating at the hub of worldwide Parkinson's research, the Foundation forges groundbreaking collaborations with industry leaders, academic scientists and government research funders; increases the flow of participants into Parkinson's disease clinical trials with its online tool, Fox Trial Finder; promotes Parkinson's awareness through high-profile advocacy, events and outreach; and coordinates the grassroots involvement of thousands of Team Fox members around the world.

www.michaeljfox.org



### "When the cure for Parkinson's is found — and it will be — it will be because of all of us, working

— Michael J. Fox



©2013 The Michael J. Fox Foundation for Parkinson's Research (credit: Mark Seliger)



























































































































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After entering a target date, the operator accelerates the car to 88 miles per hour (141.6 km/h), which activates the Time Travel Circuitry.



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LEGO<sup>®</sup> "time display" shows the target and current dates. In this model, the target date is 28. 01. 1958, the date when the first LEGO brick was patented.





























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In the first movie, the California license plate read 'OUTATIME.' When Doc returned from 2015, the license plate had become a barcode.



























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The "Mr. Fusion Home Energy Reactor" converts household waste into electrical power and is the key energy source for the 2015 version of the time machine.













































#### "IF YOU PUT YOUR MIND TO IT, YOU CAN ACCOMPLISH ANYTHING"

Since I was a child, I have always felt that the time machine from Back to the Future. with its ability to let people travel through time, would be perfectly suited to the world of LEGO® building. As a child I often attempted to build the time machine, but back then I didn't have the right bricks or building skills.

Many years later I met Sakuretsu, a minifigure builder from Japan. In the summer of 2011, we teamed up to submit the "BTTF Time Machine" to the LEGO Cuusoo website. The road to gathering the required 10,000 supporters was long and hard. But thanks to Sakuretsu's enthusiasm and

Togami & Sakuretsu



the encouragement from various media sites and supporters. I was able to see my dream become an official LEGO product. Thinking about my life until now, I realize that I have always been led by the savings in the Back to the Future movie:

"If you put your mind to it, you can accomplish anything. Your future is whatever you make it."

Masashi Toqami Founder of Team BTTF

# IT'S ABOUT COMING AS CLOSE TO THE REAL

#### THING AS POSSIBLE

Steen Sig Andersen has been a LEGO® model designer for over 30 years. It was his task to transform Togami & Sakuretsu's model into a true LEGO construction set. For Steen it was an enjoyable project, but also a challenging one:

"The original model was a great starting point and many of the ideas and details could be used directly in the final construction. One of the biggest

challenges were the wheels: the model has both a "drive" and a "hover" mode, plus the construction also has to be robust enough so a minifigure can be placed in the vehicle. After some initial frustration, I eventually solved



Steen Sig Andersen

the problem by combining a system part with a relatively new Technic element (part 87082 Double bush 3M Ø4.9)."

"All in all, it was an exciting process and I'm glad to have had the chance to be a part of this Cuusoo project."



### LEGO.CUUSOO.COM A PLAYGROUND FOR INNOVATIVE LEGO IDEAS

Do you have an exciting LEGO<sup>®</sup> idea? Then why not make it into a LEGO Cuusoo project. You can share your product concept on lego.cuusoo.com and see what other people think about it.

If your project gains 10.000 supporters, it will automatically qualify for the quarterly LEGO Review. This is where we take an in-depth look at the most popular projects and carefully evaluate them to discover the idea with the most potential. If your project makes it through the review, then it will become an official LEGO product. There's already over 250.000 active users and 15.000 projects on the Cuusoo website, and three LEGO Cuusoo products have already been launched. So take a look, sign-up and support your favorite ideas, or even better: upload your own project!





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