Thor is a 2011 American superhero film based on the Marvel Comics character of the same name, produced by Marvel Studios and distributed by Paramount Pictures . It is the fourth film in the Marvel Cinematic Universe . The film was directed by Kenneth Branagh, written by Ashley Edward Miller & Zack Stentz and Don Payne, and stars Chris Hemsworth, Natalie Portman, Tom Hiddleston, Stellan Skarsgård, Colm Feore, Ray Stevenson, Idris Elba, Kat Dennings, Rene Russo and Anthony Hopkins. The film tells the story of Thor, the crown prince of Asgard, who is exiled from his homeland to Earth. While there, he forms a relationship with Jane Foster, a scientist. However, Thor must stop his adopted brother Loki, who intends to become the new king of Asgard.

Sam Raimi first developed the concept of a film adaptation of Thor in 1991, but soon abandoned the project, leaving it in " development hell " for several years. During this time, the rights were picked up by various film studios until Marvel Studios signed Mark Protosevich to develop the project in 2006, and planned to finance it and release it through Paramount Pictures. Matthew Vaughn was originally assigned to direct the film for a tentative 2010 release. However, after Vaughn was released from his holding deal in 2008, Branagh was approached and the film 's release was rescheduled into 2011. The main characters were cast in 2009, and principal photography took place in California and New Mexico from January to May 2010. The film was converted to 3D in post @-@ production.

Thor premiered on April 17 , 2011 , in Sydney , Australia and was released on May 6 , 2011 , in the United States . The film was a financial success and received positive reviews from film critics . The DVD and Blu @-@ ray sets were released on September 13 , 2011 . A sequel , Thor : The Dark World , was released on November 8 , 2013 . A third film , Thor : Ragnarok is set to be released on November 3 , 2017 .

= = Plot = =

In 965 AD , Odin , king of Asgard , wages war against the Frost Giants of Jotunheim and their leader Laufey , to prevent them from conquering the nine realms , starting with Earth . The Asgardian warriors defeat the Frost Giants and seize the source of their power , the Casket of Ancient Winters .

In the present , Odin 's son Thor prepares to ascend to the throne of Asgard , but is interrupted when Frost Giants attempt to retrieve the Casket . Against Odin 's order , Thor travels to Jotunheim to confront Laufey , accompanied by his brother Loki , childhood friend Sif and the Warriors Three : Volstagg , Fandral , and Hogun . A battle ensues until Odin intervenes to save the Asgardians , destroying the fragile truce between the two races . For Thor 's arrogance , Odin strips his son of his godly power and exiles him to Earth as a mortal , accompanied by his hammer Mjolnir , now protected by an enchantment that allows only the worthy to wield it .

Thor lands in New Mexico , where astrophysicist Dr. Jane Foster , her assistant Darcy Lewis , and mentor Dr. Erik Selvig , find him . The local populace finds Mjolnir , which S.H.I.E.L.D. agent Phil Coulson soon commandeers before forcibly acquiring Jane 's data about the wormhole that delivered Thor to Earth . Thor , having discovered Mjolnir 's nearby location , seeks to retrieve it from the facility that S.H.I.E.L.D. quickly constructed but he finds himself unable to lift it , and is captured . With Selvig 's help , he is freed and resigns himself to exile on Earth as he develops a romance with Jane .

Loki discovers that he is actually Laufey 's son , adopted by Odin after the war ended . A weary Odin falls into the deep " Odinsleep " to recover his strength . Loki seizes the throne in Odin 's stead and offers Laufey the chance to kill Odin and retrieve the Casket . Sif and the Warriors Three , unhappy with Loki 's rule , attempt to return Thor from exile , convincing Heimdall , gatekeeper of the Bifröst ? the means of traveling between worlds ? to allow them passage to Earth . Aware of their plan , Loki sends the Destroyer , a seemingly indestructible automaton , to pursue them and kill Thor . The warriors find Thor , but the Destroyer attacks and defeats them , prompting Thor to offer himself instead . Struck by the Destroyer and near death , Thor 's sacrifice proves him worthy to

wield Mjolnir. The hammer returns to him, restoring his powers and enabling him to defeat the Destroyer. Kissing Jane goodbye and vowing to return, he and his fellow Asgardians leave to confront Loki.

In Asgard , Loki betrays and kills Laufey , revealing his true plan to use Laufey 's attempt on Odin 's life as an excuse to destroy Jotunheim with the Bifröst Bridge , thus proving himself worthy to his adoptive father . Thor arrives and fights Loki before destroying the Bifröst Bridge to stop Loki 's plan , stranding himself in Asgard . Odin awakens and prevents the brothers from falling into the abyss created in the wake of the bridge 's destruction , but Loki allows himself to fall when Odin rejects his pleas for approval . Thor makes amends with Odin , admitting he is not ready to be king ; while on Earth , Jane and her team search for a way to open a portal to Asgard .

In a post @-@ credits scene, Selvig has been taken to a S.H.I.E.L.D. facility, where Nick Fury opens a briefcase and asks him to study a mysterious cube @-@ shaped object, which Fury says may hold untold power. An invisible Loki prompts Selvig to agree, and he does.

= = Cast = =

Chris Hemsworth as Thor:

The crown prince of Asgard , based on the Norse mythological deity of the same name . Director Kenneth Branagh and Marvel Studios chief Kevin Feige chose Hemsworth after a back @-@ and @-@ forth process in which the 27 @-@ year @-@ old actor was initially dropped from consideration and then given a second chance to read for the part . Hemsworth stated that he gained 20 pounds for the role by eating non @-@ stop and revealed that " It wasn 't until Thor that I started lifting weights , it was all pretty new to me . " Regarding his take of the character , Hemsworth said , " We just kept trying to humanize it all , and keep it very real . Look into all the research about the comic books that we could , but also bring it back to ' Who is this guy as a person , and what 's his relationship with people in the individual scenes ? ' " About approaching Thor 's fighting style , he remarked , " First , we looked at the comic books and the posturing , the way [Thor] moves and fights , and a lot of his power seems to be drawn up through the ground . We talked about boxers , you know , Mike Tyson , very low to the ground and big open chest and big shoulder swings and very sort of brutal but graceful at the same time , and then as we shot stuff things became easier . "

Natalie Portman as Jane Foster:

A scientist and Thor 's love interest . Marvel Studios stated in an announcement that the character was updated from the comics ' initial portrayal for the feature adaptation . When asked why she took the role , Portman replied , " I just thought it sounded like a weird idea because Kenneth Branagh 's directing it , so I was just like , ' Kenneth Branagh doing Thor is super @-@ weird , I 've gotta do it .' " Portman stated that she really wanted to do a big effects film that emphasized character , and getting to do it with Branagh was a new way of approaching it , relative to Star Wars . Regarding her preparation for the role Portman remarked , " I signed on to do it before there was a script . And Ken , who 's amazing , who is so incredible , was like , ' You can really help create this character ' . I got to read all of these biographies of female scientists like Rosalind Franklin who actually discovered the DNA double helix but didn 't get the credit for it . The struggles they had and the way that they thought ? I was like , ' What a great opportunity , in a very big movie that is going to be seen by a lot of people , to have a woman as a scientist ' . She 's a very serious scientist . Because in the comic she 's a nurse and now they made her an astrophysicist . Really , I know it sounds silly , but it is those little things that makes girls think it 's possible . It doesn 't give them a [role] model of ' Oh , I just have to dress cute in movies ' " .

Tom Hiddleston as Loki:

Thor 's adoptive brother and nemesis based on the deity of the same name . Hiddleston was chosen after previously working with Branagh on Ivanov and Wallander . Initially Hiddleston auditioned to play Thor but Branagh decided his talent would be better harnessed playing Loki . Hiddleston stated that " Loki 's like a comic book version of Edmund in King Lear , but nastier . " Hiddleston stated that he had to keep a strict diet before the start of filming because " Ken [Branagh

] wants Loki to have a lean and hungry look , like Cassius in Julius Caesar . Physically , he can 't be posing as Thor " . Hiddleston looked at Peter O 'Toole as inspiration for Loki as well explaining , " Interestingly enough , [Kenneth Branagh] said to look at Peter O 'Toole in two specific films , The Lion in Winter and Lawrence of Arabia . What 's interesting about ... his performance [as King Henry] is you see how damaged he is . There 's a rawness [to his performance] ; it 's almost as if he 's living with a layer of skin peeled away . He 's grandiose and teary and , in a moment , by turns hilarious and then terrifying . What we wanted was that emotional volatility . It 's a different acting style , it 's not quite the same thing , but it 's fascinating to go back and watch an actor as great as O 'Toole head for those great high hills " .

Stellan Skarsgård as Erik Selvig:

A scientist doing research in New Mexico who encounters Thor . Skarsgård stated that he was not initially familiar with the comic book version of Thor . As to why he took the part , Skarsgård remarked , I " chose Thor because of [director] Kenneth Branagh . The script was nice and we got to rehearse and talk to the writers and do some collaborating in the process to make it fit us . So I had a very happy time on it . What I always try to do is immediately do something I just haven 't done so I get variation in my life . I 've made about 90 films and if I did the same thing over and over again I would be bored by now . I try to pick different films , I go and do those big ones and having done that I can usually afford to go and do some really small obscure films and experiment a little " . Colm Feore as Laufey :

King of the Frost Giants and Loki 's biological father , based on the mythological being of the same name , who in myth was actually Loki 's mother . Feore stated it took five hours for his makeup to be applied . About his character Feore remarked , " I am the King of Frost Giants . And if you 've seen any of the Frost Giants , you know that I am , of course , the Napoleon of Frost Giants . We 've got some massive , fabulous guys who dwarf me and come in at around eight @-@ and @-@ a @-@ half feet , nine feet . But , no . Can 't you tell by the commanding presence ? I am the boss " . He said the Shakespearean training he shared with Hopkins and director Branagh helped keep production moving briskly , saying that " during the breaks , Tony , myself and Ken would be talking in Shakespearean shorthand about what the characters were doing , what we thought they may be like , and how we could focus our attention more intelligently . These were discussions that took no more than a few minutes between takes , but they allowed Ken , Tony and [me] to understand each other instantly without Ken taking an hour away to explain to the actors exactly what was going on . So that was enormously helpful . "

Ray Stevenson as Volstagg:

A member of the Warriors Three ; a group of three Asgardian adventurers who are among Thor 's closest comrades , known for both his hearty appetite and wide girth . Stevenson previously worked with Kenneth Branagh in the 1998 film The Theory of Flight , and with Marvel Studios as the titular character in Punisher : War Zone . Stevenson wore a fat suit for the role , stating , " I 've tried the suit on , and what they 've done is kind of sex him up : he 's sort of slimmer but rounder . " . Stevenson said , " He 's got every bit of that Falstaffian verve and vigor , and a bit of a beer gut to suggest that enormous appetite , but he 's not the sort of Weeble @-@ shaped figure he is in the comics . He 's Falstaff with muscles . I 've got this amazing foam @-@ injected undersuit that flexes with me . "

Idris Elba as Heimdall:

The all @-@ seeing , all @-@ hearing Asgardian sentry of the bifröst bridge , based on the mythological deity of the same name . Elba said Branagh 's involvement was a major incentive to take the role : " [Branagh] called me up personally and said , ' I know this isn 't a big role , but I would really love to see you play it . ' It 's Kenneth Branagh . I was like , ' Definitely ' " . About the role Elba remarked , " I did green screen for the first time ! I wouldn 't like to do a whole movie of green screen , though . You kind of forget the plot a little ? like being in a Broadway play and doing it over and over and forgetting your line halfway through " . Elba stated he has made a four @-@ picture commitment with Marvel Studios . Elba 's casting prompted a proposed boycott by the Council of Conservative Citizens and a debate amongst comic book fans , some insisting it was wrong for a black man to play a Nordic god . In response Elba called the debate " ridiculous " .

Kat Dennings as Darcy Lewis:

A political science major who is Jane Foster 's intern . Dennings described her character as Foster 's " little helper gnome " . Dennings stated that her role was expanded during the rehearsal process . Dennings explained , " She 's kind of like a cute , clueless , little puppy or maybe a hamster . There wasn 't much on the page for the Darcy role to begin with and I didn 't even see a script before I took the job so I didn 't really know who Darcy was at first . But she really evolved ? she 's so much fun now even . She 's very Scooby @-@ Doo if that makes sense . She 's always three steps behind and reacting to what 's happening with these great expressions ... She gets things wrong and doesn 't care . "

Rene Russo as Frigga:

The wife of Odin , queen of Asgard , mother of Thor and adoptive mother of Loki , based on the mythological deity of the same name . Russo stated in March 2011 interview that she has signed on for possible sequels , joking that , " Eventually they 'll kick me out , so who knows how many I 'll do "

Anthony Hopkins as Odin:

The ruler of Asgard , father of Thor , and adoptive father of Loki , based on the mythological deity of the same name . In an interview Hopkins stated he knew nothing of the comic . About the film he said , " It 's a superhero movie , but with a bit of Shakespeare thrown in " . Hopkins stated , " I 'm very interested in that relationship between fathers and sons " , and that , " My father 's relationship with me was cold . He was a hot @-@ blood character but to me , cold . When I was young , he expressed his disappointment because I was bad in school and all of that . He didn 't mean any harm , but I felt I could never meet up to his expectations . " Hopkins expressed that he found a personal resonance in the Odin role , saying , " He 's a stern man . He 's a man with purpose . I play the god who banishes his son from the kingdom of Asgard because he screwed up . He 's a hot @-@ headed , temperamental young man ... probably a chip off of the old block but I decide he 's not really ready to rule the future kingdom , so I banish him . I 'm harsh and my wife complains and I say , ' That is why I 'm king . ' He 's ruthless , take @-@ it @-@ or @-@ leave @-@ it . Women are much more forgiving ; men are not so forgiving . I know in my life , my karma is , ' If you don 't like it , tough , move on . ' And I move on . I 'm a little like Odin myself " . In May 2016 , Mel Gibson stated he was offered the role but turned it down .

Tadanobu Asano as Hogun:

A member of the Warriors Three, primarily identified by his grim demeanor and as the only member who is not an Æsir. Ray Stevenson said of Asano 's character, " He doesn 't speak much but when he does, everybody shuts up. But also in the healing room where everyone licks their wounds, he 's the guy who just goes about his business."

Josh Dallas as Fandral:

A member of the Warriors Three , characterized as an irrepressible swashbuckler and romantic . Stuart Townsend was initially cast after Zachary Levi was forced to vacate the role due to a scheduling conflict . However , days before filming began , Townsend was replaced by Dallas citing " creative differences " . Dallas said he believed that Fandral " would like to think of himself a philanderer . He would like to think of himself , I was saying , as the R. Kelly of Asgard . He 's a lover , not a fighter " . Dallas mentioned that Errol Flynn was an inspiration for the character stating , " He was a big inspiration for the character and for me . I watched a lot of his movies and kind of got that into my bones . I tried to bring out that little bit of Flynn @-@ ness in it . Flynn had a lot of that boyish charm that Fandral 's got "

Jaimie Alexander as Sif:

A warrior and Thor 's childhood friend based on the mythological deity of the same name . Alexander was best known for her portrayal of Jessi XX on the ABC Family series Kyle XY . Alexander said that she was familiar with Marvel Comics before having taken the part , having grown up with four brothers . Alexander said the part required hours a day in the gym , though training is not unfamiliar to her , explaining she was one of few girls on her Colleyville , Texas , high @-@ school wrestling team . Alexander described her character as " one of the guys " and that , " She 's a very talented , skilled warrior and can stand on her own against any villain in the film " .

About her relationship with Thor she stated, " She is very loyal to Thor and cares a lot about protecting him and protecting Asgard".

Clark Gregg reprises his role as S.H.I.E.L.D. Agent Phil Coulson from Iron Man and Iron Man 2. Adriana Barraza plays diner owner Isabella Alvarez and Maximiliano Hernández plays S.H.I.E.L.D. agent Jasper Sitwell . Actors Joseph Gatt , Joshua Cox and Douglas Tait portray Frost Giants . Stan Lee and J. Michael Straczynski have cameo appearances as pick @-@ up truck drivers . Samuel L. Jackson has an uncredited cameo as Nick Fury , director of S.H.I.E.L.D. Jeremy Renner has an uncredited cameo as Clint Barton . Dakota Goyo and Ted Allpress play Thor and Loki , respectively , as children .

= = Production = =

= = = Development = = =

Sam Raimi originally envisioned the idea for Thor after making Darkman (1990); he met Stan Lee and pitched the concept to 20th Century Fox , but they did not understand it . Thor was abandoned until April 1997 , when Marvel Studios was beginning to expand rapidly . The film gained momentum after the success of X @-@ Men (2000) . The plan was for Thor to be made for television . UPN was in talks for airing it ; excited by the prospect , they pushed for a script and approached Tyler Mane to play Thor . In May 2000 , Marvel Studios brought Artisan Entertainment to help finance it as a film , but by June 2004 the project still had yet to be patronised by a studio . Sony Pictures Entertainment finally purchased the film rights , and in December 2004 David S. Goyer was in negotiations to write and direct . In 2005 , though there were talks between Goyer and Marvel , it was revealed that Goyer was no longer interested , though at this point the film was still set to be distributed through Sony Pictures .

Mark Protosevich , a fan of the Thor comic book , agreed to write the script in April 2006 , and the project moved to Paramount Pictures , after it acquired the rights from Sony . That year the film was announced to be a Marvel Studios production . In December 2007 , Protosevich described his plans for it " to be like a superhero origin story , but not one about a human gaining super powers , but of a god realizing his true potential . It 's the story of an Old Testament god who becomes a New Testament god " . In August 2007 Marvel Studios signed Matthew Vaughn to direct the film . Vaughn then rewrote Protosevich 's script in order to bring down the budget to \$ 150 million , as Protosevich 's first draft would have cost \$ 300 million to produce . He intended to start filming in late 2008 and after the success of Iron Man , Marvel Studios announced that they intended to release Thor on June 4 , 2010 , with Iron Man 2 being used to introduce the character of Thor .

= = = Pre @-@ production = = =

Vaughn was released when his holding deal expired in May 2008 , at which point Marvel set Protosevich to work on a new draft and began searching for a new director . Guillermo del Toro entered talks to direct the film . Del Toro was a fan of Jack Kirby 's work on the comics , and said that he loved the character of Loki , but wished to incorporate more of the original Norse mythology into the film , including a " really dingy Valhalla , [with] Vikings and mud " . However , del Toro ultimately turned down Thor to direct The Hobbit . By September 2008 D. J. Caruso had been discussing taking on the project , though he did not read the script . Later that month , it was revealed that Kenneth Branagh had entered into negotiations to direct , and in December 2008 , Branagh confirmed that he had been hired . He described it as " a human story right in the center of a big epic scenario . " Branagh stated that he hoped to begin filming in January 2010 and Marvel Studios set back the release date of the film from its scheduled July 16 , 2010 date to June 17 , 2011 , almost a full year later . They later moved the release date to May 20 , 2011 , to distance the film 's release from that of Captain America : The First Avenger , another Marvel Studios film that was scheduled to be released on July 22 , 2011 . In October 2008 , Daniel Craig was offered the

role, but ultimately turned it down, citing his commitments to the James Bond franchise.

In February 2009 , Samuel L. Jackson , who had briefly portrayed Nick Fury at the end of the film Iron Man , signed on to reprise the role in Thor as part of an unprecedented nine @-@ picture deal with Marvel Studios . However , in an April 2010 interview , Jackson stated that he would not be appearing in Thor . When asked why not Jackson explained , " I have no idea . I 'm not in charge of making those kinds of decisions . I thought I was ; they said I was in the trades , and I was like , ' Ooh ! I got a job ! ' I called my agent he said , ' Naw , you 're not in it . ' I was like , ' Well shit , they need to pay me if they 're gonna put my name in it . ' " Later in the month , Jackson revealed that he would be filming a scene for Thor to serve as " connective tissue " for The Avengers . Also in February , a casting call went out looking for actors with certain physical attributes to audition for the role of Thor .

In May 2009, Chris Hemsworth was in negotiations to portray the title role after a back @-@ and @-@ forth process in which the 25 @-@ year @-@ old actor was refused early on , then given a second chance to read for the part . Hemsworth 's brother , Liam also auditioned for the role , but was passed on by Marvel Studios head Kevin Feige . The next day , Marvel announced that Tom Hiddleston, who had worked with Branagh before and had initially been considered to portray the lead role, had been cast as Loki. In June 2009, Feige confirmed that both Hemsworth and Hiddleston had signed on . Feige mentioned that the film would take place on both modern day Earth and Asgard but Thor 's human host, Dr. Donald Blake, would not be included. In July 2009, Marvel announced that Natalie Portman would portray Jane Foster . Jaimie Alexander and Colm Feore were reported to have joined the cast in September, with Alexander portraying Sif and Feore 's role unrevealed, though it was thought to be a villain. In an interview with Swedish news site Ystads Allehanda, Stellan Skarsgård stated that he had joined the cast, though he did not specify his role. By late October Anthony Hopkins had been cast as Odin in the film. The following month, Marvel announced that they had cast the Warriors Three; Fandral was to be played by Stuart Townsend, Hogun was to be played by Tadanobu Asano and Volstagg was to be played by Ray Stevenson. Idris Elba was announced to have joined the cast, portraying Heimdall. Natalie Portman revealed that Kat Dennings would be involved in the project, portraying Darcy, a coworker of Portman 's Jane Foster.

In December 2009, Rene Russo was cast as Frigga, Thor 's stepmother and Odin 's wife. Later that month, actors Joseph Gatt, Troy Brenna, and Joshua Cox had been cast in the film, though none of their roles were revealed. In January 2010, Adriana Barraza had joined the film 's cast, in a supporting capacity. Only days before filming began, Stuart Townsend was replaced by Joshua Dallas as Fandral, citing "creative differences". When Spider @-@ Man 4 's production stalled, Paramount and Marvel Entertainment pushed up the release of Thor by two weeks to the then vacated date of May 6, 2011.

The Science & Entertainment Exchange introduced Marvel Entertainment , Kenneth Branagh , " the screenwriter , and a few people on the design and production side of things " to three physicists (Sean Carroll , Kevin Hand , and Jim Hartle) , as well as physics student Kevin Hickerson , to provide a realistic science background for the Thor universe . The consultation resulted in a change in Jane Foster 's profession , from nurse to particle physicist , and the terminology (Einstein @-@ Rosen bridge) to describe the Bifrost Bridge .

= = = Filming = = =

In October 2008, Marvel Studios signed a long @-@ term lease agreement with Raleigh Studios to photograph their next four films? Iron Man 2, Thor, Captain America: The First Avenger and The Avengers? at Raleigh 's Manhattan Beach, California facility. Production Weekly reported that filming on Marvel 's Thor was scheduled to begin in Los Angeles mid @-@ January, then move to Santa Fe, New Mexico from March until late @-@ April. Principal photography began on January 11, 2010. A few days after filming began, it was reported that Clark Gregg had signed on to reprise his role from Iron Man and Iron Man 2 as Agent Coulson. In February, Paramount Pictures entered negotiations with Del Mar, California to use a 300 @-@ yard stretch of beach to film a

scene for Thor involving six horses running down the terrain . Paramount said this coastline was ideal because its gradual slope of sand down to the waterline creates excellent reflective opportunities on film . On March 15 , 2010 production of Thor moved to Galisteo , New Mexico , where an old @-@ fashioned Western film town was extensively modified for the shoot .

Branagh , a fan of the comic book since childhood , commented on the challenge of bridging Asgard and the modern world : " Inspired by the comic book world both pictorially and compositionally at once , we 've tried to find a way to make a virtue and a celebration of the distinction between the worlds that exist in the film but absolutely make them live in the same world . It 's about finding the framing style , the color palette , finding the texture and the amount of camera movement that helps celebrate and express the differences and the distinctions in those worlds . If it succeeds , it will mark this film as different The combination of the primitive and the sophisticated , the ancient and the modern , I think that potentially is the exciting fusion , the exciting tension in the film " .

By April , the prospect for filming parts of Thor in Del Mar , California had fallen through . Paramount Pictures sent a letter informing the city that it has instead chosen an undisclosed Northern California location to film a beachfront scene for the film . The letter cited cost concerns with moving production too far away from its headquarters .

= = = Post @-@ production = = =

The film ended principal photography on May 6, 2010 and entered the post @-@ production " phase. It was reported in February 2010 that France @-@ based BUF Compagnie would be the lead visual effects house working on the film. Digital Domain worked on the visual effects as well. Branagh stated that BUF, who developed the effects for the race through space was much inspired by Hubble photography and other images of deep space. Branagh stated he sent paintings from classic studies by J. M. W. Turner to Digital Domain when creating Jotunheim. Peter Butterworth, VFX supervisor and co @-@ founder of Fuel VFX, said the most challenging task was interpreting what the Bifröst would look like, " You can 't Google what these things look like? they are totally imagined and within the heads of the stakeholders. So to extract that and interpret it for the big screen was an interesting challenge creatively. Technically, probably creating fluid simulations that could be art @-@ directed and used for both the Bifröst and Odin 's chamber shots . Part of the difficulty with solving these is that we had to ensure they would work in stereo. In the film, Odin enters what is known as the "Odinsleep" in his chamber to regenerate. Butterworth stated, "For Odin 's Chamber, we developed a dome and curtain of light rays that hover over Odin 's bed. This dome of light suggests harnessed power and energy that revitalizes him as he sleeps. We took a lot of reference from the natural world such as the corona of the sun and gave the sleep effect plenty of volume and space ".

The film was released in a 3 @-@ D version . In an interview with the Los Angeles Times , Kenneth Branagh stated that the 3 @-@ D process initially made him cringe but " We came to feel that in our case 3 @-@ D could be the very good friend of story and character for a different kind of experience " . Although 2 @-@ D was used for principal photography , producer Kevin Feige stated that the " special effects for the film were conceived and executed from the beginning in 3 @-@ D " .

In October 2010, casting calls went out for bit players to appear in an undisclosed number of reshoots.

In March 2011, scenes involving Adriana Barraza were removed from the theatrical cut of the film during the editing process. Kenneth Branagh sent a letter of apology explaining the reasons for the cut and desire to work with Barraza again in the future. In response Barraza stated, " It saddens me because the movie is great and because I was acting alongside some tremendous actors that I admire very much, but I understand the nature of films, and it is not the first or last time that scenes will be cut ". Barraza appears in only one scene in the film is theatrical cut. In that same month, Douglas Tait revealed that he performed for motion capture of the Frost Giants. On his hiring, Tait said " I am 6 is " and have a lean, athletic build, and they hired guys who were 6 is 7 is and taller, and weighed over 250 pounds. When the film was being edited, they wanted to make them even

bigger and move faster . They auditioned people again and Kenneth Branagh chose me to perform the motion capture movements of the Frost Giants " .

In April 2011, the IMAX Corporation, Paramount Pictures and Marvel Entertainment announced that they have finalized an agreement to release the film on digital IMAX 3D screens. The release marked the continuation of the partnership between the companies, which started on Iron Man 2.

The post @-@ credits scene in which Skarsgård 's Erik Selvig comes face @-@ to @-@ face with Samuel L. Jackson 's Nick Fury was directed by Joss Whedon , who directed Marvel 's The Avengers (2012) .

= = Music = =

The film 's score was written by composer Patrick Doyle , a frequent collaborator of Branagh . Doyle described Thor as " the most commercially high profile film I have done since Frankenstein " , adding that the composing process had the challenge of trying to find a tone that fit the duality of Asgard and Earth . Thus Doyle and Branagh had frequent discussions on the musical direction , with the director suggesting a contemporary feel and having a balance between the music and " grand images [that] were not in any way hyperbolized " , and the composer in turn implementing " a strong sense of melody , which he responds to in my work " . As Doyle declared that his own Celtic background made him familiar with Norse mythology , an old Celtic folk song also provided the inspiration for Thor 's leitmotif . A soundtrack album was released by Buena Vista Records in April 2011 .

The film also features a song by the Foo Fighters , " Walk " , in both a scene where a powerless Thor shares some boilermakers with Selvig in a roadhouse , and the film 's closing credits . Marvel president Kevin Feige stated that " Walk " was a last minute addition , that the crew felt had " these eerie appropriate lyrics and themes " upon hearing it . Branagh in particular thought that " these lyrics about learning to walk again " were appropriate " of [a] movie about redemption , learning to be a hero . "

= = Release = =

The world premiere of Thor took place on April 17 , 2011 , at the Event Cinemas theatre in George Street , Sydney . The U.S. premiere took place on May 2 , 2011 , at the El Capitan Theatre in Los Angeles , California . The event was hosted by Isaiah Mustafa and streamed live on Marvel 's official website . The film premiered on April 21 , 2011 , in Australia , and on May 6 , 2011 , in the United States .

= = = Marketing = = =

In July 2010 Marvel Studios held a Thor panel at the 2010 San Diego Comic @-@ Con International during which Kenneth Branagh and Chris Hemsworth , Natalie Portman , Kat Dennings , Tom Hiddleston , and Clark Gregg discussed the film and showed some clips from it . A few days later , this footage was leaked on the internet . The first television advertisement was broadcast during Super Bowl XLV on the Fox network in the United States . The rate for advertising during the game was approximately \$ 3 million per 30 @-@ second spot . Marvel Studios and Acura launched a joint viral marketing promotion at the 2011 Chicago Comic & Entertainment Expo . Other official promotional partners included Burger King , Dr. Pepper , 7 Eleven , and Visa . In May 2011 Marvel Entertainment 's President of Print , Animation and Digital , Dan Buckley , and Marvel Comics Editor @-@ In @-@ Chief , Axel Alonso , rang the NYSE closing bell in celebration of the theatrical release of Thor .

A post @-@ credits scene in the film Iron Man 2 showed Coulson reporting the discovery of a large hammer in the desert . Rick Marshall of MTV News believed it to be the weapon Mjöllnir belonging to Thor , writing , " It continues the grand tradition of connecting the film to another property in development around the Marvel movie universe . " In the commentary track of Iron Man 2 ' home

media , Iron Man 2 's director , Jon Favreau , stated that " this is a scene from [the set of] Thor " . Marvel Animation announced a 26 @-@ episode animated series in November 2008 , to air in late 2010 before the release of Marvel Studios ' film . The company released an animated direct @-@ to @-@ video film , Thor : Tales of Asgard , to coincide with the live @-@ action film .

A video game titled Thor: God of Thunder based on the film was developed by Sega using the voices and likenesses of actors Chris Hemsworth, Tom Hiddleston and Jaimie Alexander, and was released on May 3, 2011.

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= = = Home media = = =
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In July 2011, Marvel Studios and Paramount Pictures announced the release of Thor on Blu @-@ ray 3D, Blu @-@ ray Disc and DVD. The discs were released on September 13, 2011 in three editions: a single @-@ disc DVD, a 2 @-@ disc Blu @-@ ray @-@ DVD combo pack, and a 3 @-@ disc Blu @-@ ray / DVD / 3D combo pack. All sets come with deleted scenes and a " Road to The Avengers featurette. The 2 @-@ disc and 3 @-@ disc packs includes a digital copy, the first in a series of Marvel One @-@ Shots, The Consultant, and 7 behind @-@ the @-@ scenes featurettes.

Branagh said that the DVD includes at least 20 minutes of deleted scenes . Branagh stated the footage contains " things like the Asgardian parents , Odin and Frigga , played by the beautiful Rene Russo , there 's some beautiful scenes in there that I think people will enjoy . And certainly Thor and Loki interacting in different ways that just fill in a little bit of a back story , that was part of our rehearsal and research . " In its first week of release , Thor took the number one spot on Blu @-@ ray / DVD sales chart and topped Home Media Magazine 's rental chart for the week .

The film was also collected in a 10 @-@ disc box set titled " Marvel Cinematic Universe: Phase One? Avengers Assembled " which includes all of the Phase One films in the Marvel Cinematic Universe. It was released on April 2, 2013.

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= = Reception = =
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= = = Box office = = =
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Thor earned \$ 181 @.@ 0 million in North America and \$ 268 @.@ 3 million in other territories for a worldwide total of \$ 449 @.@ 3 million . It was also the 15th highest @-@ grossing film of 2011 .

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= = = = North America = = = =
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The film opened in North America on May 6, 2011 in 3 @,@ 955 theaters with \$ 25 @.@ 5 million (including \$ 3 @.@ 3 million from midnight screenings in about 1 @,@ 800 theaters) and went on to earn \$ 65 @.@ 7 million during its opening weekend taking the number one spot . \$ 6 @.@ 2 million of the gross came from 214 IMAX 3D theaters . 3D presentations at a then @-@ record 2 @,@ 737 locations accounted for 60 % of the gross . It became the tenth highest @-@ grossing film of 2011 in North America and the highest @-@ grossing comic @-@ book film from May? August 2011 .

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= = = = Outside North America = = = =
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The film opened solely in Australia on April 21 , 2011 , generating \$ 5 @.@ 8 million and placing second behind Universal Pictures ' Fast Five . The film 's box office was just 1 % more than Iron Man opening in Australia in 2008 , Marvel 's most popular release at the time . The following week , Thor opened in 56 markets and took in \$ 89 @.@ 2 million through the weekend . In total earnings , its highest @-@ grossing countries after North America were the UK (\$ 22 @.@ 5 million) , Australia (\$ 20 @.@ 1 million) and Mexico (\$ 19 @.@ 5 million) .

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= = = Critical response = = =
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The review aggregator website Rotten Tomatoes reported a 77 % approval rating with an average rating of 6 @.@ 7 / 10 based on 266 reviews . The website 's consensus reads , " A dazzling blockbuster that tempers its sweeping scope with wit , humor , and human drama , Thor is mighty Marvel entertainment . " Metacritic assigned a weighted average score of 57 / 100 based on reviews from 40 film critics , a mixed score on their scale .

Richard Kuipers of Variety stated, "Thor delivers the goods so long as butt is being kicked and family conflict is playing out in celestial dimensions, but is less thrilling during the Norse warrior god 's rather brief banishment on Earth ". Megan Lehmann of The Hollywood Reporter wrote, "The hammer @-@ hurling god of thunder kicks off this superhero summer with a bang ". In the Chicago Sun @-@ Times, Richard Roeper liked the film "Thanks in large part to a charming, funny and winning performance from Australian actor Chris Hemsworth in the title role, Thor is the most entertaining superhero debut since the original Spider @-@ Man ".

Conversely , Roger Ebert of the Chicago Sun @-@ Times gave it a negative review stating , " Thor is a failure as a movie , but a success as marketing , an illustration of the ancient carnival tactic of telling the rubes anything to get them into the tent " . A.O. Scott of The New York Times also disliked the film , calling it " an example of the programmed triumph of commercial calculation over imagination " . Kenneth Turan of the Los Angeles Times had mixed feelings , describing the film as " an aesthetic stand @-@ off between predictable elements and unexpected ones " . Turan praised the performances of Hemsworth , Hopkins , and Elba , but found the special effects inconsistent and the Earth storyline derivative .

A sequel, Thor: The Dark World, directed by Alan Taylor, was released on November 8, 2013. Hemsworth and Hiddleston reprise their roles as Thor and Loki, respectively, along with others from the first film. Christopher Eccleston joins the cast as the Dark Elf Maletkith.

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= = = Thor : Ragnarok = = =
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Thor: Ragnarok is scheduled to be released on November 3, 2017, directed by Taika Waititi. Stephany Folsom will write the screenplay, with Kevin Feige again producing. Hemsworth, Hiddleston, Alexander, Hopkins and Elba will reprise their roles as Thor, Loki, Sif, Odin, and Heimdall, respectively, while Mark Ruffalo will appear as Bruce Banner / Hulk reprising his role from previous MCU films. Cate Blanchett, Tessa Thompson, Jeff Goldblum and Karl Urban join the cast as Hela, Valkyrie, Grandmaster, and Skurge, respectively.