

The Science Behind **PIXAR**

Developed by the Museum of Science, Boston
in partnership with Pixar Animation Studios and
the Science Museum Exhibit Collaborative.



The Science Behind Pixar

Enjoy a unique, first-time look into the Pixar process, and explore the science and technology behind some of the world's most beloved animated films and their characters with *The Science Behind Pixar*. This exhibition gives you an unparalleled view of the production pipeline and concepts used at Pixar every day. Participate in fun hands-on activities, listen to firsthand accounts from members of the studios' production teams,



and come face-to-face with re-creations of your favorite Pixar film characters, including Dory, Buzz Lightyear, Edna Mode, Mike and Sulley, and WALL•E!

VISITOR EXPERIENCE HIGHLIGHTS

The exhibition starts with a five-minute movie filmed at Pixar Animation studios that introduces Pixar's technical production pipeline. The rest of the exhibit is structured around eight steps of the pipeline: [Modeling](#), [Rigging](#), [Surfaces](#), [Sets & Cameras](#), [Animation](#), [Simulation](#), [Lighting](#), and [Rendering](#).





Immerse visitors in the worlds of Pixar films

Recognizing that the fan base is a core audience for any Pixar exhibition, the Museum of Science has designed large-scale themed set pieces that gives visitors an opportunity to immerse themselves in the worlds of Pixar films. These elements convey key content messages and serve as backdrops for souvenir photos.

The culminating experience of the exhibit puts all the pieces of the pipeline back together as you watch a scene from *Inside Out* as it appears at each stage in the process from a storyboard to a final rendered frame.



Engage visitors in the Pixar film-making process

To explore the creativity and STEM concepts employed by Pixar filmmakers, visitors have opportunities to delve into stages of their production pipeline. Visitors are able to engage in hands-on, screen-based and physical activities that let them explore the computational thinking skills behind Pixar's process in a compelling and participatory way.

Each section includes videos produced by Pixar that explore a technical challenge, give a behind the scenes glimpse into one of their films, or feature a member of the studio's firsthand account of what they do at Pixar and how they got their start.

EXHIBITION SPECIFICATIONS

TARGET AUDIENCE:
Families and schools

TOTAL INTERACTIVES:
Over 30 unique physical and screen-based interactives, some of which have multiple stations to enhance visitor accessibility, and 32 videos

GALLERY SPECIFICATIONS:

- 10,000 – 14,000 square feet
- HVAC requirements: standard
- Security: medium

AVERAGE LENGTH AND AVAILABILITY:
Four to five-month rental periods
Limited availability for both domestic and international booking.

RENTAL FEE AND BOOKING INFORMATION:
Available upon request.

The Science Behind Pixar exhibition was developed by the Museum of Science, Boston in partnership with Pixar Animation Studios and the Science Museum Exhibit Collaborative. The Museum of Science is currently touring two copies of this exhibition—one nationally, and one internationally. Note: the international version is optimized for translation into other languages.