

1) How did filmmakers create the weathered look for Mad Eye Moody's costume? *Ask an Interactor*

Mad Eye Moody is an auror and we imagine he lives in his coat. So, Costume Distressers needed to damage his coat to show this. Mad Eye Moody's jacket took 80 hours to distress. Costume Distressers used bleach, painted the costume with tar, used blowtorches, wire brushes and sanding machines.

2) How did filmmakers make Mad Eye Moody's eye move? Ask an Interactor

A brass holder was attached to the Actor's face, in which the eye could swivel around. The movement of the eye was operated by a tiny magnet behind the false eye and a set of radio channels.

3) Rita Skeeter is the journalist for the Daily Prophet newspaper. Within the newspaper, we see witches and wizards that move. How did filmmakers create this effect? *Ask an Interactor*

The Graphic Designers for the Harry Potter film series, Miraphora Mina and Eduardo Lima, created the Daily Prophet newspapers. If we see a witch or wizard moving, a chroma green piece of paper was added on top of the newspaper. Then, with the use of computergenerated images (CGI) and visual effects (VFX), filmmakers could overlay footage of the Actors moving.

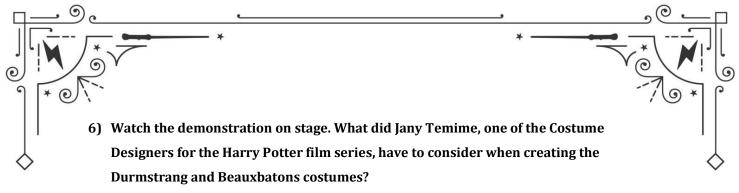
- 4) We see Rita Skeeter wearing a brown costume just before the first task of the

 Triwizard Tournament the dragon task. What is significant about this costume?

 Rita Skeeter's brown costume has dragon scales on the sleeves of her jacket as well as the
 bottom of her skirt, which reflect the dragon task that is about to take place, even though the
 task is supposed to be a secret!
- 5) Watch the demonstration on stage. What are the names of the two wizarding schools that come to Hogwarts to compete in the Triwizard Tournament?

 Durmstrang Institute and the Beauxbatons Academy of Magic.





Jany Temime wanted the Durmstrang students to be in high-necked wool uniforms and furlined hats and coats as they had to brave the Scottish weather. With the Beauxbatons students, Jany Temime wanted to show the opposite. The girls were not dressed for the Scottish weather, so the Beauxbatons students wear sky blue dresses made out of a silky fabric.

7) How did filmmakers create the Goblet of Fire? Ask an Interactor

The casing of the Goblet of Fire was created by the Special Effects team and is controlled by a button. Once pressed, the outside casing descends and reveals the Goblet of Fire, which is wooden and hand-carved.

8) How did filmmakers create the giant, Madame Maxime? Ask an Interactor

There were two actors that played Madame Maxime. The first, used for close-up shots, is Frances de la Tour. She had a body double for long shots, a basketball player named Ian Whyte who stands over seven feet tall. He then stood on stilts with high heels built in, which made him 8 feet 4 inches so he looked like a giant. He then wore an animatronic prosthetic head that made him look like Madame Maxime.

9) Look at the grave of Tom Riddle. What mistake did filmmakers make on the grave? See if you can spot it. If not, ask an Interactor.

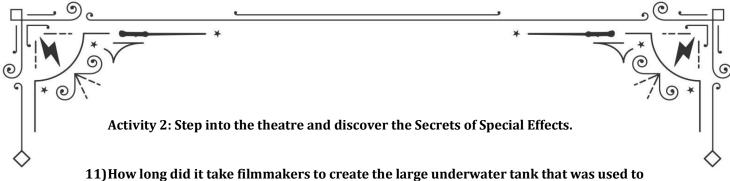
On the grave, the dates are wrong. It states that Tom Marvolo Riddle was born two years after his parents died, which would be impossible! This mistake was corrected by altering the dates in Post-Production.

10) How did filmmakers create the invisibility cloak that allows Harry to hide from Madame Maxime in the Forbidden Forest? *Ask an Interactor*

A chroma green lining is used on one side of the invisibility cloak. In Post-Production, using visual effects, filmmakers can then make Harry Potter seem invisible.

Activity 1: Visit Platform 9 3/4 and make your own dragon!





11) How long did it take filmmakers to create the large underwater tank that was used to film the second task?

It took filmmakers three months to build the large underwater tank that was 60 feet deep by 20 feet wide. Half a million gallons of water were used for this scene.

12) How long did it take Actor Daniel Radcliffe to train to be ready to film the underwater task? Ask an Interactor

Daniel Radcliffe had six months training underwater to be able to film the second task.

13) What did Daniel Radcliffe have to wear underwater to help him swim? *Ask an Interactor*

Actor Daniel Radcliffe had to have webbed hands and feet that acted like flippers to help him swim. The webbed hands would fall off, so filmmakers made them like gloves that were glued to nylon tights and easier to take on and off.

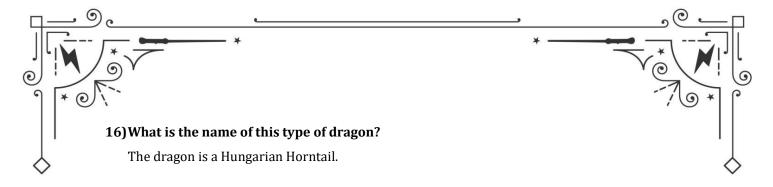
14) How did filmmakers create the effect of the students being trapped underwater for a long time?

Nick Dudman, Creature Effects Supervisor, and his team created animatronic dummies of the cast that had pumps inside. The pumps would pump water in and out slowly to create the effect of the dummies breathing. Life casts were taken of all Actors by using dental alginate that was poured all over the body. The life casts were then used to create the dummies.

15) How did filmmakers create the dragon that Harry has to capture the egg from in the first Triwizard Tournament task?

Two dragons were created. The first dragon was sketched by the Art Department, including Production Designer Stuart Craig and his team. Then, Nick Dudman and his Creature Effects team created the dragon. Finally, John Richardson and the Special Effects team made the dragon breathe fire and ensure the cage rocked forwards and backwards. The second dragon was created using computed generated images (CGI) by the Visual Effects team. Director Mike Newell held a tennis ball that Daniel Radcliffe would follow to mimic the movement of the CGI dragon.





17) How did filmmakers make Harry Potter's costume look as if he was fighting a dragon in the first task? *Ask an Interactor*

To make Harry Potter's costume look as if he was fighting a dragon, Costume Distressers created five stages of distressing, with each stage making his costume look slightly worse than the previous stage. Costume Distressers, also known as Costume Breakdown Artists, broke the costume down using sandpaper and blow torches to make the costume look as though it had been scorched by a dragon. There were also 30-40 versions of the costume as some were needed for the body doubles as well as the stunt doubles.

Activity 3: Now you have discovered how some of the creatures were created for *Harry Potter and the Goblet of Fire*, have a go at creating your own creature that you would like to appear in the Triwizard Tournament.

18) When filmmakers created the Grindylows, what did they take their inspiration from? Ask an Interactor

Filmmakers wanted to give the Grindylows octopus and squid-like elements as well as giving them human facial elements. Filmmakers didn't want them to look like merpeople, so ensured that their tails swam side to side instead of forwards and backwards.

19) How did filmmakers create the Beauxbatons carriage and the Durmstrang ship? *Ask* an *Interactor*

Models were created of the Beauxbatons carriage and the Durmstrang ship. These were then scanned into a computer where the Visual Effects team could create the final version that we see on screen.

If you're brave enough, don't forget to add your name to the Goblet of Fire in the wand room!

