

Maths at the Movies

At Brampton CE Primary School we had a fantastic day of maths all focused around different movies.

Key Stage 1

We watched a small clip of 101 Dalmatians and then moved onto our own spotty maths! The children had to record the right number of spots on their Dalmatians and then worked together as a group to order them from the smallest number of spots to the greatest number of spots. All pupils were engaged throughout the activity and really enjoyed using a video as inspiration for their maths.

Some children's comments were:

"Watching the video of the dogs was funny!"

"It was really fun drawing the dots."

"I liked when we put all the dogs in order and we worked together."



Key Stage 2 (Lower)

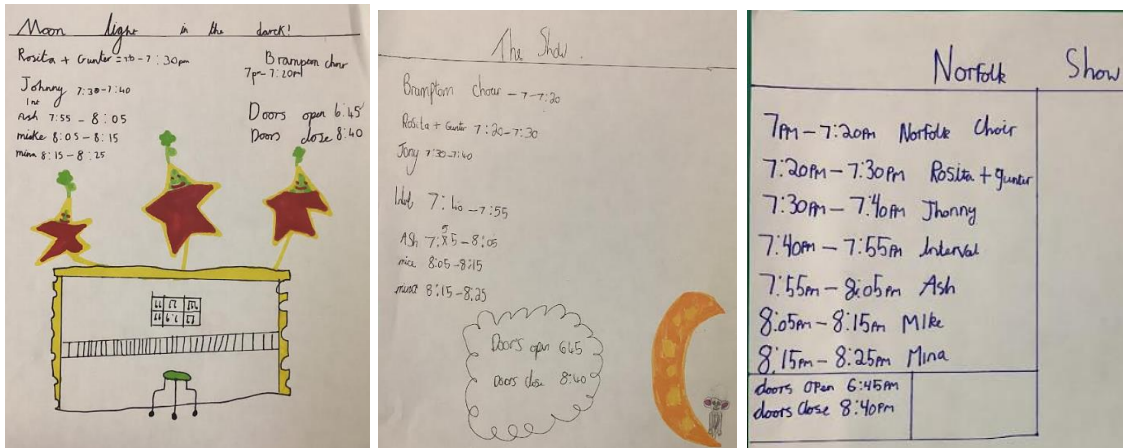
The class concentrated on the film, Sing, with a focus on telling the time. Our aim was to create a program with the running order of the singers on it. We considered how long each act would take to perform, if there would be warm up acts, ice cream intervals, what time the doors would open to the theatre and what time the doors would close. The children designed and made their own theatre programs for the Sing show making sure they included the artist performing, the time they would start, the duration of the performance and when they would end. The class used clock faces and timelines to ensure they had the correct times on their theatre programs. I provided the class with three start times to choose from depending on their confidence using a clock and telling the time.

What the children said:

"I loved being able to watch Sing and think about how long each song would last. I made sure I gave the performers extra time to talk to the audience."

"I find telling the time tricky but this made it easier because we were working in 10 or 20 minute chunks which I could move the hands of the clock around to show."

"Sing is my favourite film and I really liked making a program for their show. I decided to open the doors to the theatre at 7:25pm and worked from there. Going over from one hour to the next was confusing to begin with but now I understand."



Key Stage 2 (Upper)

After watching a small part of 'Sing' we swiftly moved onto the maths! The children calculated cost for tickets; completed spider based puzzles and calculated the perimeter/area of the performance stage. Throughout the lesson the children were engaged and enthusiastic towards their learning. The children's comments reflect this view, "Today was fun, we got to watch a part of my favourite movie and investigate in Maths!" When we reflected at the end of the lesson the children mentioned the lesson being challenging and interesting.

As the class teacher, I was pleased to revisit areas of Maths (Money / Area / Perimeter) that I know the children do not encounter regularly the activities allowed children to consolidate their learning and deepen their understanding.

