

1135-VI-3146      **Skona Brittain\***, skona@sbfamilyschool.com. *Once There Was a King Who had Two Sons:  
Stories to Inspire Topological Exploration for Non-Majors or Children.*

There are a couple of classic stories that can start with the line "Once there was a king who had two sons", which I have embellished in different ways. I use them to introduce different topics in elementary topology classes, including map coloring and Möbius strips. Students become incredibly engaged by playing the role of the wizard trying to help the king, which of course requires doing mathematics. I have used these stories successfully with kids of all ages and with non-math-major adults. Note that there are different versions – not all are PG-rated. (Received September 26, 2017)