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Trevor Ferguson* (tferggie@mail.fresnostate.edu). *q-Series and Ramanujan's Congruences*. Preliminary report.

A q -series is a series whose coefficients contain $\prod_{k=0}^{n-1} (1 - aq^k)$ where $a, q \in \mathbb{C}$ and $n \in \mathbb{Z}$. In this talk, we will use famous q -series identities to prove two of Ramanujan's Congruences and their generalizations. (Received March 03, 2020)