

Y4 – AUTUMN TERM KNOWLEDGE ORGANISER

KEY BAME PEOPLE TO STUDY - Mae Jemison & Katherine Johnson (RE link to John Sentamu)



RE: reconciliation and communion, creation from Abraham to Joseph

Computing: online safety

Key vocab: rights, responsibilities, respect, common-good, equality, community, gender, culture, racism, age, prejudice & Black Lives Matter

Key teaching points about Mae Jemison

- She was the first black astronaut and went in to space in 1992
- She studied hard in school and especially liked science
- She became a medical doctor and worked around the world including at a refugee camp
- She applied to become an astronaut and was one of 15 people to be chosen from over 200 applicants
- She conducted many experiments whilst on her space mission
- She has received many honours and awards for her service

Key teaching points about Katherine Johnson

- She was born in the USA in 1918. Black people were very limited in their career opportunities and were not allowed to stay in many schools past the age of 14
- Her parents had great value for education and moved to a place she could continue school. She graduated with very good grades
- She followed her mother into the teaching profession and then applied to work in the maths department of NASA
- She had to put up with prejudice in her career, both as a woman and a black person
- She completed some vital maths work during the 'space race' and was instrumental in preparing for many missions
- She continued to work for NASA for 30 years
- She was presented with the 'medal of freedom' by Barak Obama and was described as a 'true American hero'

'Who Am I' project

Who is in my family?

When did we come to Birmingham?

What makes me special?

What talents do I have?

Discussions and 'homework' around customs and traditions, national dress, food and flags.

Science topic: Space

<https://www.hamilton-trust.org.uk/science/year-5-science/earth-and-space-space-presenters/>