**The Science of *His Dark Materials*—Groups**

**Light**

*Electromagnetism*

*The visual spectrum*

*Our sun*

*The nature of stars*

*The Aurora Borealis*

Nathaniel Green

Meh the Froog

Wyvern

**Classical and Modern Physics**

*Dark matter*

*Dark energy*

*Gravity*

*Newton’s Laws*

*Laws of Thermodynamics*

*Atoms*

*Particle physics*

*Relativity*

*The nature of spacetime*

*Quantum mechanics*

*String theory*

*Entanglement*

*Decoherence*

*Many Worlds Theory*

*Hidden dimensions*

*Flatland*

**Group 1**

Angula

Sur

Donké

Jolly Rancher

**Group 2**

Nadal

Calculator Guy

Lykos

schwar

**Evolution**

*Natural selection*

*Human and animal adaptation*

Catknight

Ebok

Soccer Duck

Nifflers

**The Science of Making Choices**

*What is happening in the brain during the act of making choices?*

*Probability in quantum physics*

*Self-locating uncertainty*

*Dynamical collapse*

*Negative capability*

*The science of religious belief*

*Free will vs. determinism*

*Oracles and prophecies*

*The I Ching*

Tiny

Stephen

Chet

Kimchi

**The Unconscious Mind**

*Jungian analysis – “the collective unconscious”*

*Dreaming*

*The hypnogogic state*

*Trances and altered states of
consciousness*

*Sympathetic and parasympathetic nervous systems*

*The brain in equanimity*

Don Pedro

Madame Chadsquito

Katara

The REAL Slim Shady