

Cycle 1 Mathematics Arctic Fox (Math 1.1-1.2)

Suggested Timeline for Term 2

The following outline provides a suggested timetable for second term of Cycle 1 Mathematics Arctic Fox (Math 1.1-1.2). The suggested time frame for teaching these concepts is about 12 weeks which comprises 73 45-minute periods.

LES 2 – ARE WE ALONE IN THE UNIVERSE?

4

APPLICATION SITUATION 4 – **15 Periods**

4.1 Angle Relationships
4.2 Segments, Sectors and Arcs
Application Questions
A. Crop Circle Components
B. Damage Control
C. Calling All Aliens!

SITUATIONAL PROBLEM – **6 Periods**

Operation Invasion

LES 3 – THE INCREDIBLE JOURNEY

INTRODUCTORY ACTIVITY – **1 period**

1

APPLICATION SITUATION 1 – **11 Periods**

1.1 Understanding Fractions
1.2 Equivalent Fractions
1.3 Simplifying Fractions
1.4 Fractions and Number Lines
1.5 Comparing and Ordering Fractions
Application Question
A Sizable Snowfall

2

APPLICATION SITUATION 2 – **9 Periods**

- 2.1 Multiplying with Fractions
- 2.2 Diving with Fractions
- Application Questions
- A. A Spinning Chance – Oceans**
- B. Where Does Our Water Go?**

3

APPLICATION SITUATION 3 – **3 Periods**

- 3.1 Order of Operations
- Application Questions
- World Water Usage**

4

APPLICATION SITUATION 4 – **12 Periods**

- 4.1 Understanding Numbers in Different Forms
- 4.2 Number Lines with Numbers in Different Forms
- 4.3 Comparing and Ordering Numbers in Different Forms
- 4.4 Order of Operations with Numbers in Different Forms
- Application Question
- A. A Spinning Chance – Lakes**
- B. A Spinning Chance – Waste**
- C. A Spinning Chance – Bonus**
- D. D. Water Collection**

SITUATIONAL PROBLEM – **6 Periods**

What Goes Around Comes Around

LES 4 – ARCTIC ADAPTATIONS

INTRODUCTORY ACTIVITY – **1 period**

1

APPLICATION SITUATION 1 – **9 Periods**

- 1.1 Understanding Statistical Questions
- 1.2 Investigating Statistical Questions
- Application Questions
- A. Creating Questions**
- B. Time Fur a Change**