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| **Critical Pathways** | | | | | | | | | | |
| **Fractions** | | | **I Statement:** I can order a fraction of the same/ different denominator on a number line. | | | | | | | |
| **Lesson 7, 8 & 9** | | | | | **Each Lesson Time :** 50 mins | | | | | **Rotations:** 1, 2 & 3 |
| **LESSONS 7, 8 & 9: Ordering Fractions on a Number Line** | | | | | | | | | | |
| **Time** | | **Activity** | | | | | | **Materials** | | |
| 5 - 10 mins  Warm up activity for each Lesson. | | **Hook- Fractions Bingo**  Students will draw up their own bingo square and label each square as a different fraction. Teacher will roll the die and call out the fraction. Students are to record what fractions have been said. Bingo goes to the student with all fractions called out.  Fraction is chosen by, the smaller number being the numerator and the larger number being the denominator. N.B. can make a smaller bingo box if wanted.   |  |  |  | | --- | --- | --- | | **¼** | **⅓** | **¾** | | **½** | **⅖** | **⅜** | | **⅛** | **⅙** | **⅔** |   The focus of this game is for students to be using the appropriate language when referring to fractions. | | | | | | * 2 ten sided dice * Scrap paper   Fractions wall | | |
| 30 mins each | | **Rotational Groups**  **Students will rotate through all 3 activities based on the ‘I statement’) over 3 Lessons during the week.** | | | | | | | | |
| 30 mins | | 1. **Focus Group- Teacher Led**   **Compare with circles and lines Worksheet**  Students are to complete the work sheet.  Comparing Circle and Line Fractions.  Students are to shade the fractions on the sheet. And then write the statement that follows. Students will then plot the fractions on the supplied number lines.  To extend students get them to try plotting numbers on a number line without intervals.  They should be using the below statement.  Students will refer to fractions as:   * The same * Is larger than * Is smaller than   **It is important that students understand that a fractional part is less than a whole.** | | | | | | * Work sheet- Compare with circles and lines 1 & 2 * Number Line sheet * Coloured pencils | | |
| 30 mins | | 1. **Independent- Student Led –**   Students are to complete the compare 1 with Lines work sheet. They will need to compare the fractions against each other using the appropriate symbols.  **SYMBOLS**  ≤ Less than or equal to  ≥ Greater than or equal to  < Less than  > Greater than  Once completed the sheet student can play the game on the back.- **Fraction Wall game**   * + Students are to follow the game instructions on the sheet.   **It is important that students understand that a fractional part is less than a whole.** | | | | | | * Worksheet- Compare with Lines 1 & wall fraction game * 2 ten sided dice | | |
| 30 mins | | 1. **Computers/ Interactive Whiteboard (IWB)- Visual Fractions**   [www.Visualfractions.com](http://www.Visualfractions.com)   * + Students are to open Visual fractions/ games/Find grampy and complete the series of questions on fractions. | | | | | | * Internet access to Visual Fractions- Interactive games | | |
| 10 mins after each Lesson | | **Reflection**  Students will discuss what difficulties they had when doing the activities. They will also talk about what strategies made it easier for them when doing the activities.  Students will traffic light after each activity/ Lesson This will give an indication of how the student is feeling about what they have just learnt.  **TRAFFIC LIGHTS**   * **Green-** confident and understand the concept they have just learnt. * **Orange**- little confused but with teacher assistance can complete the task. * **Red-** has absolutely no idea and need some further help. | | | | | | Students can fill out the reflection and completion sheet located on the class fraction wall. | | |
| **Fractions Maths Groups – Mixed Ability** | | | | | | | | | | |
| **AQUA** | | | | **PURPLE** | | | **ORANGE** | | | |
| Rohanna | | | | Finley | | | Callem | | | |
| Brooke | | | | Cyndi | | | Mikaela | | | |
| Daniel | | | | Jordan | | | Liam P | | | |
| Georgia | | | | Feni | | | Jennifer | | | |
| Liam Mc | | | | Ethan | | | Lachlan | | | |
| Tylah | | | | Jordyn | | | Clarice | | | |
| Tar Tha Blay | | | | July H | | | Alanna | | | |
| Nathan | | | |  | | |  | | | |
| **Week Rotations of Fractions Activities** | | | | | | | | | | |
| **Activity** | **1. Focus Group- Teacher Led-**  **Compare with circles and lines** | | | | | **2. Independent- Student Led –**  **Compare Lines** | | | **3. Computers-**  **Visual Fractions** | |
| **Monday** | Aqua | | | | | Purple | | | Orange | |
| **Wednesday** | Orange | | | | | Aqua | | | Purple | |
| **Thursday** | Purple | | | | | Orange | | | Aqua | |