Name: Teacher: Class:

**5.3 Pattern Sniffing**

|  |  |  |
| --- | --- | --- |
| **You need to learn to:** | **Pre-learning assessment** | **Post-learning assessment** |
| 1. Count forwards in tens from any positive number up to 10000 | *1,2,3* | *1,2,3* |
| 2. Count backwards in tens from any positive number up to 10000 | *1,2,3* | *1,2,3* |
| 3. Count forwards through 0 | *1,2,3* | *1,2,3* |
| 4. Count backwards through 0 | *1,2,3* | *1,2,3* |

**Assessments**

|  |  |  |
| --- | --- | --- |
| Assessment | What score **I think** I’ll get out of 40  (complete **before** assessment) | What score **I did** get out of 40  (complete **after** assessment) |
| Diagnosis assessment | /20 = % | /20 = % |
| Test assessment | /20 = % | /20 = % |

Name: Teacher: Class:

**5.3 Pattern Sniffing**

|  |  |  |
| --- | --- | --- |
| **You need to learn to:** | **Pre-learning assessment** | **Post-learning assessment** |
| 1. Count forwards in tens from any positive number up to 10000 | *1,2,3* | *1,2,3* |
| 2. Count backwards in tens from any positive number up to 10000 | *1,2,3* | *1,2,3* |
| 3. Count forwards through 0 | *1,2,3* | *1,2,3* |
| 4. Count backwards through 0 | *1,2,3* | *1,2,3* |

**Assessments**

|  |  |  |
| --- | --- | --- |
| Assessment | What score **I think** I’ll get out of 40  (complete **before** assessment) | What score **I did** get out of 40  (complete **after** assessment) |
| Diagnosis assessment | /20 = % | /20 = % |
| Test assessment | /20 = % | /20 = % |

**5.3 Pattern Sniffing** Date:

**Diagnosis (to be taken before the topic is taught)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Question n.o.** | **Question** | **Workings and answer** | Macintosh HD:private:var:folders:65:l364j7q962v4_xf3302b347w0000gn:T:TemporaryItems:imgres.jpg |
| 1 | Counting forward in tens. Write the next four numbers for each   1. 11, 21, …, …., …., …. 2. 967, 977, …., …., …., …. 3. 2897, …., …., ….., ….. 4. 9679, …., …., …., …. 5. 9979, …., …., …., …. | a)  b)  c)  d)  e) | (5) |
| 2 | Counting backwards in tens. Write the next four numbers for each   1. 76, 66, …, …., …., …. 2. 937, 927, …., …., …., …. 3. 804, …. , …. , …. , …. 4. 2027, …., …., ….., ….. 5. 10033, …., …., …., …. 6. 9673, …., …., …., …. | a)  b)  c)  d)  e) | (6) |
| 3 | Write the first four numbers in the sequence   1. Start on -3 and count up in ones 2. Start on -6 and count up in twos 3. Start on -4 and count up in threes 4. Start on -10 and count up in fours. 5. Start on -13 and count up in 5’s | a)  b)  c)  d)  e) | (5) |
| 4 | Write the first four numbers in the sequence   1. Start on 3 and count down in ones 2. Start on 5 and count down in twos 3. Start on 7 and count down in threes 4. Start on 10 and count down in fours. | a)  b)  c)  d) | (4) |

**5.3 Pattern Sniffing** Date:

**Test (to be taken after the topic is taught)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Question n.o.** | **Question** | **Workings and answer** | Macintosh HD:private:var:folders:65:l364j7q962v4_xf3302b347w0000gn:T:TemporaryItems:imgres.jpg |
| 1 | Counting forward in tens. Write the next four numbers for each   1. 28, 82, …, …., …., …. 2. 9567, 9577, …., …., …., …. 3. 9987, …., …., ….., ….. 4. 6479, …., …., …., …. 5. 5789, …., …., …., …. | a)  b)  c)  d)  e) | (5) |
| 2 | Counting backwards in tens. Write the next four numbers for each   1. 86, 76, …, …., …., …. 2. 857, 847, …., …., …., …. 3. 704, …. , …. , …. , …. 4. 9227, …., …., ….., ….. 5. 10025, …., …., …., …. 6. 8723, …., …., …., …. | a)  b)  c)  d)  e) | (6) |
| 3 | Write the first four numbers in the sequence   1. Start on -2 and count up in ones 2. Start on -3 and count up in twos 3. Start on -5 and count up in threes 4. Start on -9 and count up in fours. 5. Start on -11 and count up in 5’s | a)  b)  c)  d)  e) | (5) |
| 4 | Write the first four numbers in the sequence   1. Start on 2 and count down in ones 2. Start on 3 and count down in twos 3. Start on 8 and count down in threes 4. Start on 9 and count down in fours. | a)  b)  c)  d) | (4) |