

INTERPRETATION OF BEHAVIOUR

RATIO

(Based on FIACS)

| S.No. | Behaviour Ratio | India | USA | % |
|-------|--------------------------------------|-------|-----|-------|
| 1. | Teacher Talk | 67 | 70 | 69.38 |
| 2 | Pupil Talk | 21 | 19 | 21.72 |
| 3 | Silence / Confusion | 12 | 11 | 8.88 |
| 4 | Teacher Response Ratio | 26 | 35 | 53.78 |
| 5 | Teacher Question Ratio | 19 | 20 | 24.83 |
| 6 | Pupil Initiation ratio | 12 | 15 | 36.36 |
| 7 | Steady state Ratio | 46 | 52 | 28.14 |
| 8 | Pupil steady state ratio | 37 | 26 | 19.31 |
| 9 | Content cross ratio | 72 | 68 | 40.00 |
| 10. | Instantaneous teacher response ratio | 48 | 67 | 52.94 |
| 11. | Instantaneous teacher question ratio | 42 | 39 | 28.57 |

CONCLUSION

According to the normative expectation of behaviour ratio for good performance of a teacher, the pupil talk ratio, teacher response ratio, pupil initiation ratio, pupil steady state ratio, instantaneous teacher question ratio should be greater than the given norms.

The performance is considered as inefficient & ineffective if the teacher talk ratio, silence / confusion, content cross ratio, steady state ratio and instantaneous teacher response ratio are higher than their normative values.

Suggestion -

Pupil Teacher should increase students involvement in classroom activities.

Students should be encouraged to ask questions and take initiative in discussion.

More attention should be paid towards discussion rather than on simple lecturing or questioning.

Observation - 4

Name of the Pupil Teacher

Class - VIII

Subject -

Duration -

Observer -

Encoding -

4, 8, 1, 4, 6, 8, 8, 3, 4, 9, 1, 7, 7, 8, 8, 3, 4, 4,
 10, 8, 8, 8, 10, 9, 6, 3, 5, 5, 5, 4, 4, 10, 10, 5, 5, 5,
 5, 5, 4, 4, 8, 8, 8, 6, 2, 6, 4, 3, 7, 9, 4, 8, 2, 3, 4,
 10, 4, 8, 2, 3, 7, 5, 5, 5, 10, 4, 8, 2, 3, 7, 6, 8, 10,
 10, 3, 5, 5, 5, 5, 4, 8, 4, 2, 4, 8, 4, 10, 4, 8, 2, 3,
 5, 5, 5, 5, 5, 10, 5, 6, 10, 5, 5, 5, 5, 4, 8, 5, 5, 4,
 10, 8, 2, 4, 5, 5, 5, 5, 5, 6, 10, 10, 10, 4, 8, 5, 5,
 10, 4, 8, 6, 8, 8, 2, 4, 8, 4, 4, 5, 7, 10, 6, 10, 4,
 8, 4, 8, 4, 4, 10, 5, 5, 10, 5, 5, 6, 10, 9, 5, 4, 3, 8,
 5, 5, 5, 6, 5, 10, 4, 7, 10, 9, 2, 6, 10, 10, 6, 10, 9, 2,
 6, 10, 10, 4, 8, 8, 8, 2, 6, 4, 8, 8, 2, 6, 5, 5, 4, 8, 8,
 10, 4, 4, 8, 10, 5, 5, 4, 4, 10, 6, 4, 8, 2, 4, 10, 4,
 8, 10, 4, 10, 8, 6, 4, 10, 5, 10, 5, 10, 5, 5, 5, 4, 8, 2, 10,
 5, 5, 5, 5, 4, 8, 3, 5, 4, 4, 5, 5, 5, 4, 10, 4, 2, 5,
 5, 4, 8, 2, 4, 8, 9, 5, 5, 9, 5, 5, 4, 8, 4, 8, 5, 5, 4,
 9, 5, 9, 4, 8, 4, 8, 1, 5.

INTERACTION PAIRS TABLE

| B.NO | PAIRS | S.NO | PAIRS | S.NO | PAIRS |
|------|-------|------|-------|------|-------|
| 1 | 10,4 | 27 | 3,5 | 53 | 8,2 |
| 2 | 4,8 | 28 | 5,5 | 54 | 2,3 |
| 3 | 8,1 | 29 | 5,5 | 55 | 3,4 |
| 4 | 1,4 | 30 | 5,4 | 56 | 4,10 |
| 5 | 4,6 | 31 | 4,4 | 57 | 10,4 |
| 6 | 6,8 | 32 | 4,10 | 58 | 4,8 |
| 7 | 8,8 | 33 | 10,10 | 59 | 8,2 |
| 8 | 8,3 | 34 | 10,5 | 60 | 2,3 |
| 9 | 3,4 | 35 | 5,5 | 61 | 3,7 |
| 10 | 4,9 | 36 | 5,5 | 62 | 7,5 |
| 11 | 9,1 | 37 | 5,5 | 63 | 5,5 |
| 12 | 1,7 | 38 | 5,5 | 64 | 5,5 |
| 13 | 7,7 | 39 | 5,4 | 65 | 5,10 |
| 14 | 7,8 | 40 | 4,4 | 66 | 10,4 |
| 15 | 8,8 | 41 | 4,8 | 67 | 4,8 |
| 16 | 8,3 | 42 | 8,8 | 68 | 8,2 |
| 17 | 3,4 | 43 | 8,8 | 69 | 2,3 |
| 18 | 4,4 | 44 | 8,6 | 70 | 3,7 |
| 19 | 4,10 | 45 | 6,2 | 71 | 7,6 |
| 20 | 10,8 | 46 | 2,6 | 72 | 6,8 |
| 21 | 8,8 | 47 | 6,4 | 73 | 8,10 |
| 22 | 8,8 | 48 | 4,3 | 74 | 10,10 |
| 23 | 8,10 | 49 | 3,7 | 75 | 10,3 |
| 24 | 10,9 | 50 | 7,9 | 76 | 3,5 |
| 25 | 9,6 | 51 | 9,4 | 77 | 5,5 |
| 26 | 6,3 | 52 | 4,8 | 78 | 5,5 |

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|-----|-------|-----|------|-----|-------|
| 79 | 5,5 | 107 | 10,4 | 135 | 5,5 |
| 80 | 5,5 | 108 | 4,8 | 136 | 5,10 |
| 81 | 5,10 | 109 | 8,5 | 137 | 10,5 |
| 82 | 10,5 | 110 | 5,5 | 138 | 5,5 |
| 83 | 5,6 | 111 | 5,10 | 139 | 5,6 |
| 84 | 6,10 | 112 | 10,4 | 140 | 6,10 |
| 85 | 10,5 | 113 | 4,8 | 141 | 10,9 |
| 86 | 5,5 | 114 | 8,6 | 142 | 9,5 |
| 87 | 5,5 | 115 | 6,8 | 143 | 5,4 |
| 88 | 5,5 | 116 | 8,8 | 144 | 4,3 |
| 89 | 5,4 | 117 | 8,2 | 145 | 3,8 |
| 90 | 4,8 | 118 | 2,4 | 146 | 8,5 |
| 91 | 8,5 | 119 | 4,8 | 147 | 5,5 |
| 92 | 5,5 | 120 | 8,4 | 148 | 5,5 |
| 93 | 5,4 | 121 | 4,4 | 149 | 5,6 |
| 94 | 4,10 | 122 | 4,5 | 150 | 6,5 |
| 95 | 10,8 | 123 | 5,7 | 151 | 5,10 |
| 96 | 8,2 | 124 | 7,10 | 152 | 10,4 |
| 97 | 2,4 | 125 | 10,6 | 153 | 4,7 |
| 98 | 4,5 | 126 | 6,10 | 154 | 7,10 |
| 99 | 5,5 | 127 | 10,4 | 155 | 10,9 |
| 100 | 5,5 | 128 | 4,8 | 156 | 9,2 |
| 101 | 5,5 | 129 | 8,4 | 157 | 2,6 |
| 102 | 5,5 | 130 | 4,8 | 158 | 6,10 |
| 103 | 5,6 | 131 | 8,4 | 159 | 10,10 |
| 104 | 6,10 | 132 | 4,4 | 160 | 10,6 |
| 105 | 10,10 | 133 | 4,10 | 161 | 6,10 |
| 106 | 10,10 | 134 | 10,5 | 162 | 10,9 |

| | | | | | |
|-----|-------|-----|------|-----|------|
| 163 | 9,2 | 190 | 8,10 | 217 | 10,5 |
| 164 | 2,6 | 191 | 10,4 | 218 | 5,5 |
| 165 | 6,10 | 192 | 4,4 | 219 | 5,5 |
| 166 | 10,10 | 193 | 4,8 | 220 | 5,5 |
| 167 | 10,6 | 194 | 8,10 | 221 | 5,4 |
| 168 | 6,10 | 195 | 10,5 | 222 | 4,8 |
| 169 | 10,9 | 196 | 5,5 | 223 | 8,3 |
| 170 | 9,2 | 197 | 5,4 | 224 | 3,5 |
| 171 | 2,6 | 198 | 4,4 | 225 | 5,4 |
| 172 | 6,10 | 199 | 4,10 | 226 | 4,4 |
| 173 | 10,10 | 200 | 10,6 | 227 | 4,5 |
| 174 | 10,4 | 201 | 6,4 | 228 | 5,5 |
| 175 | 4,8 | 202 | 4,8 | 229 | 5,5 |
| 176 | 8,8 | 203 | 8,2 | 230 | 5,4 |
| 177 | 8,8 | 204 | 2,4 | 231 | 4,10 |
| 178 | 8,2 | 205 | 4,10 | 232 | 10,4 |
| 179 | 2,6 | 206 | 10,4 | 233 | 4,2 |
| 180 | 6,4 | 207 | 4,8 | 234 | 2,5 |
| 181 | 4,8 | 208 | 8,10 | 235 | 5,5 |
| 182 | 8,8 | 209 | 10,4 | 236 | 5,4 |
| 183 | 8,2 | 210 | 4,10 | 237 | 4,8 |
| 184 | 2,6 | 211 | 10,8 | 238 | 8,2 |
| 185 | 6,5 | 212 | 8,6 | 239 | 2,4 |
| 186 | 5,5 | 213 | 6,4 | 240 | 4,8 |
| 187 | 5,4 | 214 | 4,10 | 241 | 8,9 |
| 188 | 4,8 | 215 | 10,5 | 242 | 9,5 |
| 189 | 8,8 | 216 | 5,10 | 243 | 5,5 |

| | |
|-----|------|
| 244 | 5,4 |
| 245 | 4,8 |
| 246 | 8,4 |
| 247 | 4,8 |
| 248 | 8,5 |
| 249 | 5,5 |
| 250 | 5,4 |
| 251 | 4,9 |
| 252 | 9,5 |
| 253 | 5,9 |
| 254 | 9,4 |
| 255 | 4,8 |
| 256 | 8,4 |
| 257 | 4,8 |
| 258 | 8,1 |
| 259 | 1,5 |
| 260 | 5,10 |

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INTERACTION MATRIX TABLE

| Category No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Total |
|--------------|------|------|------|------|------|------|------|------|------|------|-------|
| 1 | | | | I | IIII | IIII | IIII | IIII | | | 23 |
| 2 | | IIII | | IIII | IIII | IIII | | | II | IIII | 25 |
| 3 | | | | IIII | II | IIII | | IIII | II | | 16 |
| 4 | | | | IIII | IIII | | | IIII | | IIII | 37 |
| 5 | IIII | II | III | III | IIII | I | IIII | IIII | IIII | IIII | 117 |
| 6 | | II | IIII | IIII | II | I | IIII | II | | IIII | 24 |
| 7 | IIII | IIII | | II | IIII | IIII | IIII | | II | II | 32 |
| 8 | | IIII | IIII | IIII | I | IIII | IIII | | | | 45 |
| 9 | II | | IIII | IIII | | IIII | IIII | IIII | IIII | | 28 |
| 10 | IIII | | IIII | | IIII | | IIII | | IIII | | 33 |
| | 23 | 25 | 16 | 37 | 117 | 24 | 32 | 45 | 28 | 33 | 380 |

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