

Coral Reef Challenge - 7DMS

1 teacher = 5 class periods

MATERIAL PREPARATION INSTRUCTION GUIDE

1. Each line of the chart below is one canister. You will end up with 32 canisters for a class set for each teacher.
2. Label the canisters accordingly.
3. Fill each canister with the appropriate amount of orange, purple, green, or pink counters.
4. Make a gallon size bag with extra counters of each color for each teacher.

| Canister Label | Orange Counters (crews) | Purple Counters (Goby) | Green Counters (Seaweed) | Pink Counters (Coral) |
|--------------------|-------------------------|------------------------|--------------------------|-----------------------|
| Group 1 / A | 1 | 30 | 25 | 60 |
| Group 2 / A | 1 | 30 | 25 | 60 |
| Group 1/ Region E | 0 | 30 | 25 | 60 |
| Group 1/ Region F | 0 | 45 | 45 | 60 |
| Group 1/ Region G | 0 | 10 | 40 | 60 |
| Group 2/ Region E | 0 | 30 | 25 | 60 |
| Group 2/ Region F | 0 | 45 | 45 | 60 |
| Group 2/ Region G | 0 | 10 | 40 | 60 |
| Group 3 / B | 3 | 25 | 30 | 55 |
| Group 4 / B | 3 | 25 | 30 | 55 |
| Group 3/ Region E | 0 | 30 | 25 | 55 |
| Group 3/ Region F | 0 | 45 | 45 | 55 |
| Group 3/ Region G | 0 | 10 | 40 | 55 |
| Group 4/ Region E | 0 | 30 | 25 | 55 |
| Group 4/ Region F | 0 | 45 | 45 | 55 |
| Group 4/ Region G | 0 | 10 | 40 | 55 |
| Group 5 / C | 4 | 20 | 25 | 55 |
| Group 6 / C | 4 | 20 | 25 | 55 |
| Group 5 / Region E | 0 | 30 | 25 | 60 |
| Group 5 / Region F | 0 | 45 | 45 | 60 |
| Group 5 / Region G | 0 | 10 | 40 | 60 |
| Group 6 / Region E | 0 | 30 | 25 | 60 |
| Group 6 / Region F | 0 | 45 | 45 | 60 |
| Group 6 / Region G | 0 | 10 | 40 | 60 |
| Group 7 / D | 6 | 15 | 35 | 55 |
| Group 8 / D | 6 | 15 | 35 | 55 |
| Group 7 / Region E | 0 | 30 | 25 | 60 |
| Group 7 / Region F | 0 | 45 | 45 | 60 |
| Group 7 / Region G | 0 | 10 | 40 | 60 |
| Group 8 / Region E | 0 | 30 | 25 | 60 |
| Group 8 / Region F | 0 | 45 | 45 | 60 |
| Group 8 / Region G | 0 | 10 | 40 | 60 |

Total per teacher

28

860

1110

1860