**Task: Neighborhood Swim Team Selection**

**Grade Level: 4-5**

The [local swim team name] swim coach needs to select two swimmers to join the girls freestyle relay team for the championship meet on July 20th. Table 1 shows each of the swimmer’s 50 meter freestyle times for the last 8 swim meets. Use the data to develop a method for selecting 2 swimmers to join the relay team.

Write a letter to the swim coach that tells which swimmers you selected, and why. Explain the method you used to select the swimmers so that the coach can use your method to choose swimmers for other events.

**Table 1: Swimming Times for Girl’s 50m Freestyle**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Competition** | **Sara** | **Gabby** | **Cristina** | **Taylor** | **Elena** | **Bella** | **Amira** |
| **1. May 10th dual meet** | 39.62 | 37.98 | DNC | 39.99 | 38.98 | 41.42 | 38.68 |
| **2. May 21st dual meet** | 39.46 | 39.53 | 45.12 | 39.05 | 39.67 | 41.69 | 40.27 |
| **3. June 5th dual meet** | 37.81 | 39.13 | 43.73 | 40.79 | 40.3 | 41.93 | 39.46 |
| **4. June 12th citywide meet** | 38.43 | 38.43 | 41.74 | 38.81 | 40.8 | DNC | 38.9 |
| **5. June 20th dual meet** | 41.12 | 38.58 | 41.32 | 38.11 | 38.45 | 41.9 | 41.62 |
| **6. June 24th citywide meet** | DNC | 38.44 | 42.43 | 38.98 | 38.44 | 38.67 | 38.93 |
| **7. June 30th dual meet** | 39.07 | DNC | 41.86 | 39.07 | 39.29 | 40.32 | 40.69 |
| **8. July 2nd dual meet** | 38.06 | 40.12 | 40.24 | 38.94 | 38.83 | DNC | 39.67 |
| **9. July 8th dual meet** | 41.5 | 40.44 | 40.35 | 39.23 | 40.19 | 41.42 | 41.87 |
| **10. July 14th citywide meet** | 39.31 | 39.78 | 40.06 | 39.44 | 38.85 | 40.4 | 40.24 |
| **11. July 20th Championship** |  |  |  |  |  |  |  |

***Note: All times are given in seconds; DNC means the swimmer did not compete.***

**Task: Neighborhood Swim Team Selection**

**Grade Level: 3**

The [local swim team name] swim coach needs to select two swimmers to join the girls freestyle relay team for the championship meet on July 20th. Table 1 shows each of the swimmer’s 50 meter freestyle times for the last 8 swim meets. The times are rounded to the nearest whole second. Use the data to develop a method for selecting 2 swimmers to join the relay team.

Write a letter to the swim coach that tell which swimmers you selected, and why. Explain the method you used to select the swimmers so that the coach can use your method to choose swimmers for other events.

**Table 1: Swimming Times for Girl’s 50m Freestyle**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Competition** | **Sara** | **Gabby** | **Cristina** | **Taylor** | **Elena** | **Bella** | **Amira** |
| **1. May 10th dual meet** | 40 | 38 | DNC | 40 | 39 | 41 | 39 |
| **2. May 21st dual meet** | 41 | 40 | 45 | 39 | 40 | 42 | 40 |
| **3. June 5th dual meet** | 38 | 39 | 44 | 41 | 40 | 42 | 39 |
| **4. June 12th citywide meet** | 38 | 38 | 42 | 39 | 41 | DNC | 39 |
| **5. June 20th dual meet** | 41 | 39 | 41 | 38 | 39 | 42 | 42 |
| **6. June 24th citywide meet** | DNC | 38 | 42 | 39 | 38 | 39 | 39 |
| **7. June 30th dual meet** | 39 | DNC | 42 | 39 | 40 | 40 | 41 |
| **8. July 2nd dual meet** | 38 | 40 | 40 | 39 | 39 | DNC | 40 |
| **9. July 8th dual meet** | 42 | 40 | 40 | 39 | 40 | 41 | 42 |
| **10. July 14th citywide meet** | 39 | 40 | 40 | 39 | 38 | 40 | 40 |
| **11. July 20th Championship** |  |  |  |  |  |  |  |

***Note: All times are given in seconds; DNC means the swimmer did not compete.***