Representative Sample Activity

**Directions***.* Review the demographics below of the 20 teachers who have volunteered. Check 10 teachers whom you would interview for if you were on the AMMP! evaluation team.

| **Teacher** | **Gender** | **Race/Ethnicity** | **Age** | **Academic Degree** | **Experience** |
| --- | --- | --- | --- | --- | --- |
| Teacher A | Female | White | 22 years old | BA | First-year teacher |
| Teacher B | Male | White | 63 years old | PhD | 5 years |
| Teacher C | Male | Hispanic | 22 years old | BS | First-year teacher |
| Teacher D | Female | White | 32 years old | MS | 10 years |
| Teacher E | Female | White | 44 years old | BS | 20 years |
| Teacher F | Female | Black | 62 years old | MA | 35 years |
| Teacher G | Female | Preferred not to answer | 55 years old | PhD | 14 years |
| Teacher H | Female | White | 33 years old | BA | 12 years |
| Teacher I | Female | White | 42 years old | MS | 19 years |
| Teacher J | Preferred not to answer | Preferred not to answer | 23 years old | BA | 2 years |
| Teacher K | Female | White | 23 years old | BA | 2 years |
| Teacher L | Female | White | 59 years old | MA | 17 years |
| Teacher M | Female | White | 64 years old | MS | 2 years |
| Teacher N | Male | Asian | 34 years old | MS | 9 years |
| Teacher O | Female | White | 22 years old | No degree (district waiver) | First-year teacher |
| Teacher P | Female | White | 43 years old | BS | 17 years |
| Teacher Q | Female | Hispanic | 51 years old | MS | 23 years |
| Teacher R | Female | White | 35 years old | BA | 13 years |
| Teacher S | Female | White | 41 years old | BA | 18 years |
| Teacher T | Female | Hispanic/Native American | 31 years old | BS | 6 years |

## Reflective Questions

Complete the table and consider the questions below.

| **Teacher Characteristic** | **Percentage Selected** | **Percentage in Overall Sample** |
| --- | --- | --- |
| Gender |  | 76% female24% male |
| Race/ethnicity |  | 80% White7% Black9% Hispanic3% Asian1% other |
| Age |  | 15% age 30 or younger7% ages 31 to 598% age 60 or older |
| Academic degree |  | 2% no degree40% bachelor’s degree47% master’s degree11% doctorate |
| Experience |  | 10% less than 3 years28% 3 to 9 years62% 10 years or more |

1. Was it difficult to select people for your sample? Why or why not?
2. Were there specific people you wanted to include (or not include) in your sample? Why?
3. For AMMP!, are there demographic characteristics that are not included in the table above but that you want to know about before selecting your sample? What are they? Why?
4. If you knew that teachers A through J were all science teachers, would you change your selections? Why or why not?

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