The map of quiz/survey questions to the column names in the first sheet, in “The Single Clean Dataset” Excel file.

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| **Column Name** | **Column Name** | **Survey Question** |
| S1\_beginning | S1\_end | It is important for scientists to be creative. |
| S2\_beginning | S2\_end | There are intellectual standards in place for use in analyzing creative products. |
| S3\_beginning | S3\_end | Adults should play since it can help foster creativity. |
| S4\_beginning | S4\_end | People can become more creative over their lifetime since creativity is NOT fixed at birth. |
| S5\_beginning | S5\_end | Creativity involves assembling, developing, producing new or original work. |
| S6\_beginning | S6\_end | Researchers study stages of creativity and the process of creativity. |
| S7\_beginning | S7\_end | I consider myself to be creative. |
| S8\_beginning | S8\_end | Creative thinking can involve bringing together existing ideas into new configurations. |
| S9\_beginning | S9\_end | Researchers study creative people and what makes them unique compared to others. |
| S10\_beginning | S10\_end | Creativity is mostly learned and acquired. |
| S11\_beginning | S11\_end | Creativity is a set of behaviors. |
| S12\_beginning | S12\_end | Before you can grow your creativity, you need to have a knowledge foundation on the applicable topic. |
| S13\_beginning | S13\_end | Asking questions is a big part of being creative. |

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| **Column Name** | **Column Name** | **Quiz Question** |
| Q12a\_beginning |  | Are scientists creative? Justify your answer. |
| Q1\_beginning | Q1\_end | People who are "exceptional" creators have which characteristic associated with them? |
| Q2\_beginning | Q2\_ end | When considering the stages of creativity, we know: |
| Q3\_beginning |  | Scientific creativity: |
| Q4\_beginning | Q4\_end | Creative work can be analyzed using intellectual standards.  Which of the following is an intellectual standard? |
| Q5\_beginning | Q5\_end | When considering the habits of creative or original thinkers, research has shown that creative people: |
| Q6\_beginning | Q6\_end | Creativity can start with an inspiration but can also include: |
| Q7\_beginning | Q7\_end | Which of the following is TRUE regarding scientific creativity? |
| Q8\_beginning | Q8\_end | A single mom was frustrated that she could not attend her son’s basketball games and decided to take action. She talked with her boss and proposed working remotely on her computer at home, on a flexible schedule, on game days so she could attend her son’s events. This way she could take a break for the game and then pick back up working in the evening. |
| Q9\_beginning | Q9\_end | A girl who never could reach objects high on a shelf designed a pull and grasping object that could be attached to the end of a yard stick. She would lift the yard stick to the desired shelf and control the designed product in such a way that it could grab the desired object.  It worked well overall, but every once in awhile, the device wouldn’t tighten up fully around the object and the object would be dropped (and sometimes break!). The girl’s older brother commented that this device reminded him of a dinosaur toy he had when he was younger.  The girl remembered that toy but explained that her designed product was modified differently in order to adjust for different sized objects to grab. |
| Q10\_beginning | Q10\_end | Your friend is tired of hearing the same things on the news all the time. It doesn’t matter what station is on, it all the sounds the same to her. She decides to boycott the news and writes opinion pieces in the newspaper voicing her complaints. She vows not to listen to  the news again until there is a change in the format. |
| Q11\_beginning | Q11\_end | An artist offered her services to an area of downtown that had recently been rioted. The area was full of broken glass and debris. She offered to paint a beautiful mural on one of the boarded up window to bring color to the area |
|  | Q12b\_end | Describe the role that creativity plays in science. Please be as elaborate as possible. |
|  | Q1\_extra\_end | True or False? Creativity cannot occur without a base of knowledge. |
|  | Q2\_extra\_end | True or False? Creativity means that a novel or new or original idea or product has been created. Creativity therefore focuses on "new" NOT "improvement" or "fixing" |
|  | Q3\_extra\_end | There are different strategies you can employ to help with generating creativity. All BUT which of the following are ideas to help with creativity? In other words, which of the following is NOT true? |
|  | Q4\_extra\_end | One of the intellectual standards of creative thinking is "appropriateness" What does this mean? The project or idea |
|  | Q5\_extra\_end | Creativity is a set of behaviors that Dr. Sawyer describes as a "zig zag" process. One step is "play". Why is this considered important for creativity? |