I am confident I can solve any technical problems that might arise when working on SJS.

I am confident I can learn SJS technology easily.

I keep up with important new technologies that might be related to SJS (ex: astronomical image processing software, telescopes).

I expect to frequently play around with the SJS technology. (ex: watch videos, submit telescope observations, analyze data).

I have the technical skills I need to use SJS technology. (ex: downloading/uploading images, switching between browser tabs, navigating websites).

I will need a lot of technical support to work on SJS (ex: from SJS staff) [reverse coded].

Technology Knowledge

SD
D
N
A
SA
I have sufficient knowledge about astronomy to understand SJS content (ex: telescopes, exposure time, filters, objects in space, electromagnetic spectrum).

I can use a scientific way of reasoning with astronomy data and evidence.

I have various ways and strategies of developing my understanding of astronomy (ex: reading books, asking questions, taking data, making measurements).
I am confident I will be able to monitor and assess youths' performance in my SJS club. (ex: their ways of using the SJS portal)

I will be able to adapt my SJS lessons/meetings based upon student needs.

I am confident I can adapt my SJS leadership and motivational style to different learners.

I am confident I can assess youths' SJS learning in multiple ways. (ex: by their questions and/or by what they create/produce)

I am confident I can use a wide range of teaching approaches in my SJS club (ex: different educational theories, varying levels of support).

I know how to organize and maintain SJS club management (ex: time constraints, behavior issues).
Having received SJS training, I now believe that youth can learn about astronomy online just as effectively as they can learn about it in more traditional settings.

Having received SJS training, I now believe I can lead and encourage youth in carrying out astronomy activities with fully understanding the science behind them.

Having received SJS training, I now feel prepared to support youth in making plans to test ideas using astronomical observations.

Having received SJS training, I now feel prepared to support youth in developing hypotheses.

Having received SJS training, I now feel prepared to support youth in coming up with strategies for data collection and analysis.

Having received SJS training, I now feel prepared to support youth in using evidence to support findings.

Having received SJS training, I now feel prepared to support youth in evaluating whether observations support ideas.
Having received SJS training, I now feel prepared to support youth in understanding the scientific ideas behind each astronomy activity.

Having received SJS training, I now feel prepared to lead hands-on activities that will help support youth’s learning.

Having received SJS training, I now feel prepared to lead an inquiry-based approach for youth to learn astronomy.

Having received SJS training, I now feel prepared to support youth in learning a new computer program or technology.

Having received SJS training I now feel prepared to support youth in generating and weighing alternate explanations.

Having received SJS training, I now feel prepared to support youth in linking their SJS experiences to the natural world.