

Interview Guide:

For student researchers:

1. Think of a recent experience you had learning science while in the classroom. Describe the experience: What did you do? What did you learn? What factors helped you learn (teacher support, peer support, materials, etc.). What factors made it challenging to learn?
2. Describe your experience learning science outside of the classroom while doing research for science fair (such as local regional science fair): What is science like? What did you do? What did you learn? How did you learn? What factors made it challenging to learn?
3. How do you compare the different types of learning you just described (inside science classroom vs. outside the classroom for science research)? How were they different from each other? How do they overlap? In other words, are you able to use the same skills or approaches in both types of learning? How do they each relate to your preferred style of learning science (pros and cons)?

For teacher-sponsors:

1. Think of a recent experience students had learning science while in the classroom. Describe the experience: What did they do? What did they learn? What factors helped them learn (teacher support, peer support, materials, etc.). What factors made it challenging to learn?
2. Describe your experience sponsoring science research activities outside of the classroom (such as students doing research for local regional science fair): What is science like for them? What did they do? What did they learn? How did they learn? What factors made it challenging to learn?
3. How do you compare the different types of student learning opportunities you just described (inside science classroom vs. outside the classroom for science research)? How were they different from each other? How do they overlap? In other words, are students able to use the same skills or approaches in both types of learning (pros and cons)?