Changing the Culture Workshop Leader Version

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FIU STEM











Which Hat to Wear?

The next two slides address the student activity. (Student Hat)

The remaining slides address the Everyday Actions for teacher growth and development. (Teacher Hat)





Guidelines for Discussion: Student Activity "Student Hat"

Join a group as a student.

Read your assigned guideline with your group.

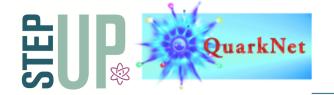


Guidelines for Conduct During Discussions Share air time equitably. EQUITY Know yourself, balance your listening and talking. Value differences. DIFFERENCES Remember that your perspective is not the only one. Argue using evidence. EVIDENCE Back what you have to say with data. SAFETY Make sure everyone feels safe. Safe is not the same as comfortable. DISCOMFORT Discomfort is okav. Identify your learning edge and push it. OWNERSHIP Own vour impact. Your intentions may not be the same as your impact. STEPUPphysics.org

Guidelines for Discussion: Student Activity "Student Hat"

Record a summary of your group answers using the question sheet.

Make a poster or slide of your group responses to share with the whole group.



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Now put on your teacher hat.



Complete the *self-reflection* individually.

https://bit.ly/2szH7fy

Use the self-reflection below to think about how well your everyday actions support an inclusive physics classroom community. Then, use the Everyday Actions guidelines on the following pages to work to improve your practice as you support young women in physics. Try choosing one area to focus on each week.

EVERYDAY ACTIONS SELF-REFLECTION

On a scale of 1-5, how would you rate your use of the everyday actions?

When you talk to students individually, do you:	NOT AT ALL					
Discuss with students why they would be a good fit for physics	0	1	2	3	4	5
Direct other students to female students for help	0	1	2	3	4	5
Direct students toward clubs, camps, internships, or other programs	0	1	2	3	4	5
Encourage students to take advantage of academic opportunities in physics	0	1	2	3	4	5
Connect with students about what they value and are interested in	0	1	2	3	4	5
Provide students with feedback, reassurance, and personal stories of struggle	0	1	2	3	4	5
When you facilitate group work/labs, do you:	NOT AT ALL					VERY
Avoid isolating women in a group of mostly men	0	1	2	3	4	5
Ensure women are taking active roles	0	1	2	3	4	5
Bolster confidence around lab equipment	0	1	2	3	4	5
Teach collaboration skills during or before initial group activities	0	1	2	3	4	5
When you address the whole class, do you:	NOT AT ALL					VERY
Set expectations for success	0	1	2	3	4	5
Promote a sense of community	0	1	2	3	4	5
Promote a growth mindset	0	1	2	3	4	5
Value many different types of skills, such as communication and teamwork	0	1	2	3	4	5
Distribute attention during class discussions	0	1	2	3	4	5
When you plan and assess, do you:	NOT AT ALL					VERY
Incorporate real world physics examples	0	1	2	3	4	5
Connect physics to other disciplines	0	1	2	3	4	5
Establish clear grading rules	0	1	2	3	4	5
Allow second chances for high stakes assessments	0	1	2	3	4	5
When you are outside the classroom, do you:	NOT AT ALL					VERY
Encourage other teachers to recommend physics to their female students	0	1	2	3	4	5
Talk to school counselors to ensure they encourage female students to take physics and consider physics careers	0	1	2	3	4	5
Provide school counselors with information about the breadth of jobs in physics	0	1	2	3	4	5
Share female students' successes and capabilities with their families	0	1	2	3	4	5
Provide parents with information about job opportunities in physics	0	1	2	3	4	5
Support students who want to start a physics club or take part in physics	0	1	2	3	4	5
activities and events						



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Which areas do you feel confident about implementing? How do you accomplish that?

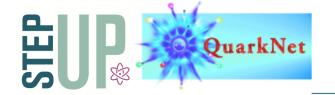
Which were you the most unsure about?

On which would you like to improve? How can you do that? Jse the self-reflection below to think about how well your everyday actions support an inclusive physics classroom community. Then, use he Everyday Actions guidelines on the following pages to work to improve your practice as you support young women in physics. Try thoosing one area to focus on each week.

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Provide parents with information about job opportunities in physics	0	1	2	3	4	5
Support students who want to start a physics club or take part in physics activities and events	0	1	2	3	4	5
Find out about outreach and community activities for student engagement		1	2	3		5



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Join a new group as a teacher.

Read your assigned guideline with your group.

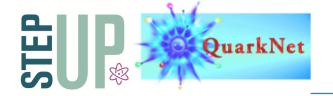
Summarize your group discussion to share with the whole group.

Use the self-reflection below to think about how well your everyday actions support an inclusive physics classroom community. Then, use the Everyday Actions guidelines on the following pages to work to improve your practice as you support young women in physics. Try choosing one area to focus on each week.

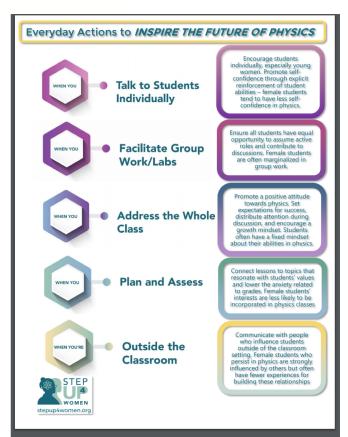
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Establish clear grading rules	0	1	2	3	4	5	
Allow second chances for high stakes assessments	0	1	2	3	4	5	
When you are outside the classroom, do you:	NOT AT ALL					VERY MUCH	
Encourage other teachers to recommend physics to their female students	0	1	2	3	4	5	
Talk to school counselors to ensure they encourage female students to take physics and consider physics careers	0	1	2	3	4	5	
Provide school counselors with information about the breadth of jobs in physics	0	1	2	3	4	5	
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Support students who want to start a physics club or take part in physics activities and events	0	1	2	3	4	5	
Find out about outreach and community activities for student engagement	0	1	2	3	4	5	



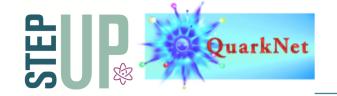
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Use Everyday Actions to Inspire the Future of Physics.

Discuss your assigned everyday action with your group and record your answers.

Summarize your group results to share in a whole group discussion.



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Reflection:

Record your personal goals for implementing Everyday Actions in your classroom.