

E A
: 2017-18 C
E **C**

RESEARCH IN
MATHEMATICS
EDUCATION



18-03



□ **E A**
2017-18 C

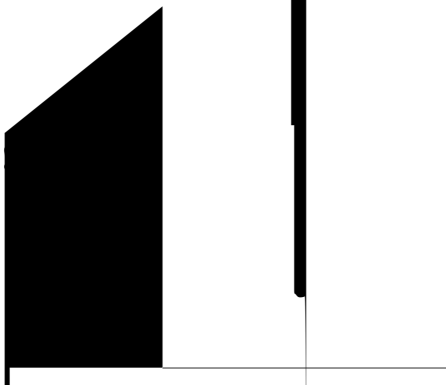
C E

:

S

M

I





C

Structure of the STEM Academy Teacher Coaching and PLC Meetings	4
Participating Teachers	6
Participating Schools	7
Fidelity of Implementation	9
Coaching Evaluation Survey	10
To what extent was coaching implemented with fidelity?	10
What are teachers' perceptions of coaching?	13

!

!

□

E A
2017-18 C

B

C E

:



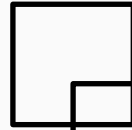
"#\$%&'()!



*+\$%&+,!
+--'%\$%.!

*+\$%&+,!
%#(-'/(%+!
0+,%+'1+/
' 2 0#,\$\$(%+!

*+\$%&+,
34+!#-!\$%*1+!
5+,\$,('()



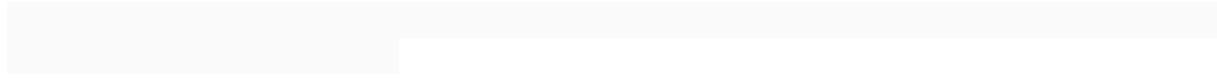
4*3/+(*!
0#4*'1+!
0+,%+0*'#(4!#-!\$(/!
'(*+,+4*!'(!678 9!
%\$,++,4

4*3/+(*
4%'+(%+!\$%\$/+ 2 '%!
\$%&'1+ 2+(*

E A

C

C



SMU Instructional Coach Biography

The STEM Academy coach has extensive experience in education

6%&##5!B\$ 2+!

<! C'40!

<! E5\$%F!

<! G &'*+!

<! ?4'\$(!

<!8@!

<! 8HH!

<! 9 \$5+!

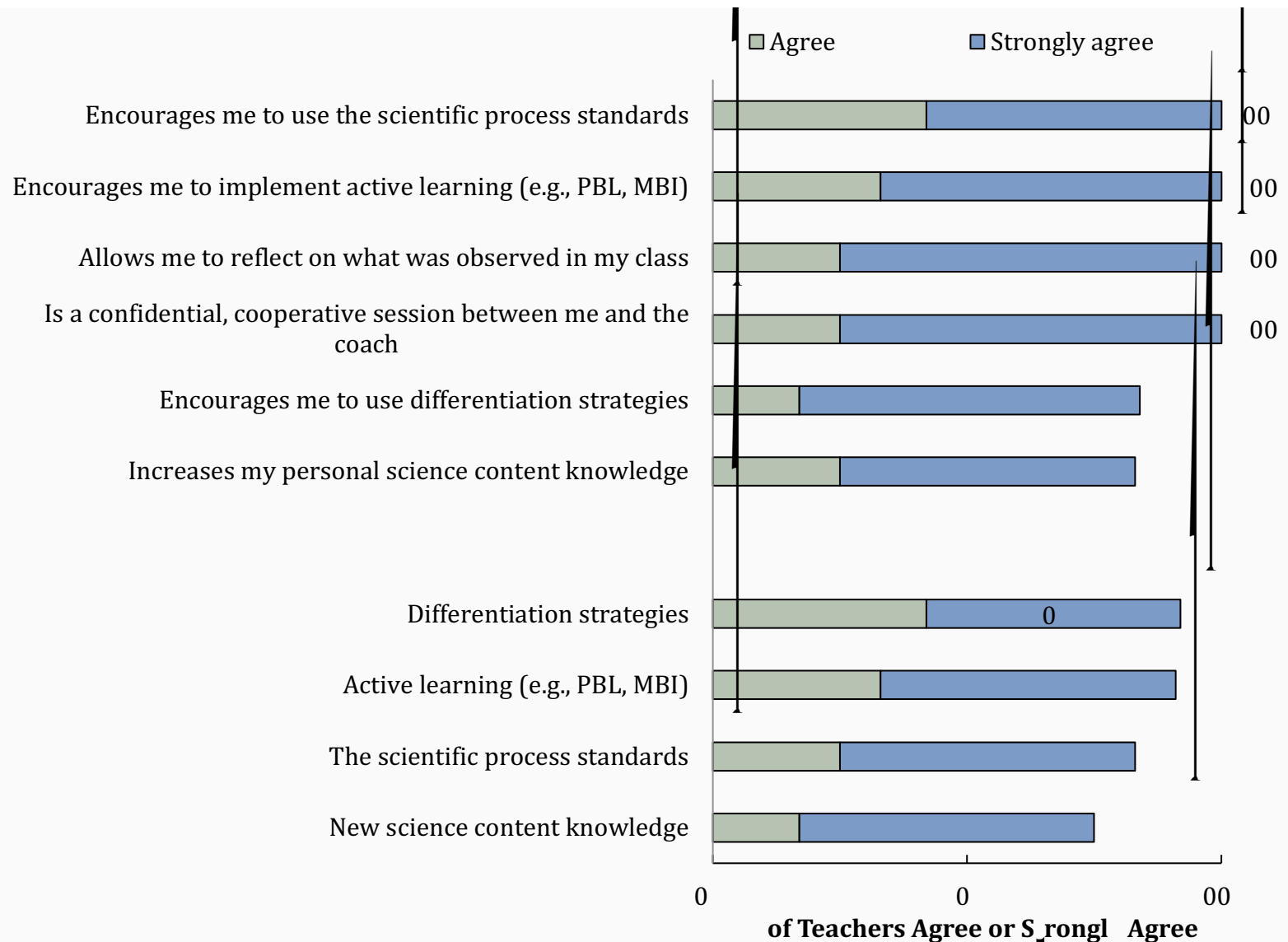
C

E

□

\$%!&'()&* (+!, - (!./&. -!0(,!12,-!, (&. - ()3!4/)!#5!02%6,(3!76)2%*!, - (!8)(9./%4)(%. (+!/:3() '(7!
, (&. - ()3!4/)!5;!02%6,(3+!&%7!0(,!12,-!, (&. - ()3!4/)!#<!02%6,(3!76)2%*!, - (!8/3,9./%4)(%. (=!>- (!
?(%*, -!/4!, - (!8)(9./%4)(%. (+!/:3() '&,2/%+!&%7!8/3,9./%4)(%. (!'&)2(7!3?2*-, ?@!&.) /33!, (&. - ()3!

U&*%7!, -!)%*+, -*%*!.!, +%-6%-7%7!V9%*/., -*!*/4!, 1!"?!.%&'(%)*!=#Q@A!)%+,).%7!.(&!.(%!+,*!
' , -1%)%- '!G&*!.(%!0 , *!9*%192!&*+% '!.!, 1!' ,&' (-5;!R-%!.%&'(%)!%+,).%7C!WJ!.(-H!(&B/-5!03!
' ,&' (!7%K)/%1!&1.!)!%&' (!, K*%)B&./, -!&-7!.&H%!.(%!./0%!. , !%4+2&/-!G(&!X.(%! ' ,&' (Y!*&G!&-7!&)%&*!
, 1!/0+), B%0 %-!G&*!%4.)%0 %23!9*%192;Z! L/.(!)%5&)7!., !G&3*!. (&!.(%!+, *.6' , -1%)% - '%!' , 927!K%!
/0+), B%7C!, -%!.%&'(%)!%+,).%7!..(&!*(%!,)!(%!G, 927!2/H%!. , !)% ' /B%!0 ,)% !W+), 6&' ./B%!,)!

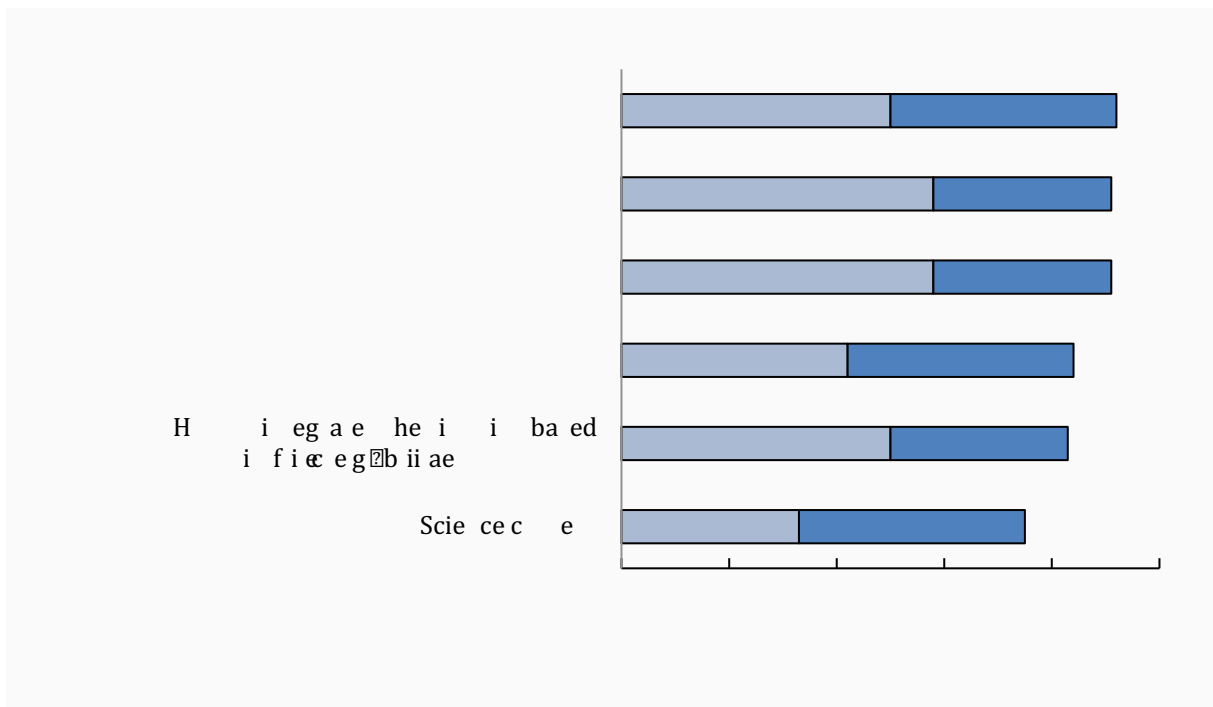


!\$%&'(%)*+!,%)'-./01*!02!.(%!,0*.34012%)%1'!5%**/01*!617"89

"# !

'\$#'\$#

! " # \$ % & & ' () * + ,



6.

References

, 31

, , .

, 330 ,

201

, 0

2016-1

(

).

Appendix A Scientific Process Standards


-
-
-
-

Appendix B Pre-Conference Planning Form



- . / %\$#0123() *\$! 4&5#0)6&4&)2&

Appendix C Teacher Coaching Checklist

 **SMTL** ANNETTE CALDWELL SIMMONS

Start Time: _____ End Time: _____

time observed. Question marks indicate

Management and Discipline

- Student self-discipline is taught
- Interaction with students is equitable
- Disruptive behavior is redirected
- Desired behavior is positively reinforced
- Materials and time are used efficiently
- Classroom procedures/routines known

Praise/Reinforcement: _____

Detail/Refinement: _____

6/24/17

Appendix D Post-Conference Planning Form

- . / %\$#0123()*\$!0+'5#0)6&4&)2&\$

Appendix E Teacher Coaching Evaluation Survey

- . / % \$ 7 2 1 8 & 9 : \$ 6 0 4 \$. & 1 2 3 & 4 + \$ 1) 8 \$ ' ' & 1 8 & 4 + ; \$ <) 5 # 1 9 = > + \$ - > = = 0 4 ' \$ / ? 1 @ > 1 ' (0) \$
\$

<ul style="list-style-type: none">•• \$• \$••				
---	--	--	--	--

<ul style="list-style-type: none">○○○○○○○	"			
---	---	--	--	--

