CrowdSource Observation Instrument – 2023/2024 (Year-1)

Date: ☐☐ / ☐☐ / ☐☐	School Name:_____ Teacher ID: _____ Target Student ID: _____	Partner Site ID: _____ Observer ID: _____

Projected Lesson Time:_____min Start Time End Time ☐☐ . ☐☐ ☐☐ . ☐☐	IOA Assessed: Yes____ No____ IOA ID: _____ # Students: _____	Observation Rd (circle one): 1 2 3

SCIENCE CONTENT & INSTRUCTION

1. Name of the *science program*/*curriculum* used during instruction? _____ Unrecognizable_____
   - The materials used during instruction appeared teacher developed? circle: Yes____ No____ Blend____

2. What was the *theme* of the lesson? _____

3. Was there additional *instructional support personnel* present? Yes____ No____
   - If yes, check all present: 1. Co-teacher ___ 2. Paraprofessional ___ 3. Special Education Teacher ___ 4. Other ___

4. *Instructional format* in which science instruction occurred: (check all that apply)
   - Whole-group____ Small-group____ Partners ____ Independent ____
   - Primary format used_____

5. What *instructional types* were included in the lesson? (check all that apply)
   - Teacher-led discussion ____ Experiment ____ Written exercise ____ Vocabulary ____ Reading exercise ____
     Mathematics exercise ____ Technology ____ Other (please specify) _____

6. Was the instruction structured around a *phenomenon* (i.e., observable event)? Yes____ No____
   - If yes, identify the phenomenon? _____ (e.g., habitats, pollination, erosion, H_2O on Earth)

7. Was a *crosscutting concept(s)* explicitly addressed? Yes____ No____
   - If yes, check all that were addressed: 1. Patterns ___ 2. Cause & effect ___ 3. Scale, proportion, & quantity ___
     4. Systems & system models ___ 5. Energy & matter ___ 6. Structure & function ___ 7. Stability & change ___

8. The lesson's primary science-based activity was: New Activity____ Review or Continuation ____ Unknown ____
   - Did the lesson include or focus on a testable question? Yes____ (investigation) No____
     - Describe the question? _____
     - Did students have an opportunity to pose and/or practice *asking the question*? Yes____ No____
   - Did students *carry out* a hands-on experiment by *developing* or *using scientific models*? Yes____ No____
   - Did students have any part in *planning* the activity? Yes____ Tchr/St____ Teacher-led only ____ No____
   - Did students have opportunities to *explain* or *discuss findings* from the activity? Yes____ No____
     - If students constructed explanations, did they *engage in data-driven scientific argumentation*? Yes____ No____
   *Tchr/St = blend of teacher & student

9. Briefly describe the lesson: _____
   _____
   _____
   _____
   _____

OVERALL QUALITY OF SCIENCE INSTRUCTION	Low		Medium		High
10. **Overall student interest in the science lesson** (lesson appeared interesting to students)	1	2	3	4	5
11. *Target Student* **interest in the science lesson** (lesson appeared interesting to the Target Student)	1	2	3	4	5
12. **Overall discourse opportunities** (discussion was rich and involved majority of class)	1	2	3	4	5
13. **Overall teaching for scientific understanding**	1	2	3	4	5

Date: ☐☐ / ☐☐ / ☐☐

School Name: _____

Teacher ID: _____ **Target Student ID:** _____

Partner Site ID: _____

Observer ID: _____

Start time: _____ : _____ AM / PM (circle one)

Opportunity to Respond		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
	Verbal																										
	Hands-On Activty																										
	Physical Gesture																										
	Write / Draw																										
	Read																										
	Other																										

Target Student | Time Joined / Time Left (circle one): ____ : ____ AM / PM (circle one)

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Start time: _____ : _____ AM / PM (circle one)

Opportunity to Respond		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ
	Verbal																										
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Target Student | Time Joined / Time Left (circle one): ____ : ____ AM / PM (circle one)

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Opportunity to Respond Totals

Class: ☐   Target Student: ◩   *Teacher Feedback Total*

2

Date: ☐☐ / ☐☐ / ☐☐   School Name: _____   Partner Site ID: _____

Teacher ID: _____   **Target Student ID:** _____   Observer ID: _____

Start time: _____ : _____ AM / PM (circle one)

Opportunity to Respond	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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Opportunity to Respond Totals

Class: ☐   Target Student: ◸   *Teacher Feedback Total*

3

Date: ☐☐ / ☐☐ / ☐☐ School Name: _____ Partner Site ID: _____

Teacher ID: _____ **Target Student ID:** _____ Observer ID: _____

Start time: _____ : _____ AM / PM (circle one)

Opportunity to Respond

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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Opportunity to Respond Totals

Class: ☐ Target Student: ◲ *Teacher Feedback Total*

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