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Science IDEAS Fidelity Checklist for Principals

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Principal: _____ **School** _____ **Date:** ____/____/____

Teacher _____ **Grade** ____ **Room Num:** ____ **N Pull-Outs/Wk:** ____ **Pct Rd/Wk:** ____

Science IDEAS Daily Teaching Schedule: Start-Time (Hr/Min) ____:____, **End-Time** ____:____

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Instructions: In completing this checklist, please remember that all entries should represent your best judgment from the date of the last fidelity rating through the date this checklist is completed.

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Leadership Group Status

2 1 0 [a] **Leadership Member:** Teacher is/has been member of IERI Leadership Group
(**2** = Active member, **1** = Past member, not presently active, **0** = Not a member)

Science IDEAS Classroom Implementation (*Responses should represent your best clinical judgment*)

2 1 0 [b] **Science IDEAS Displays:** Classroom Displays indicate Science IDEAS presence
(**2** = Both teacher AND student displays, **1** = teacher OR student displays, **0** = If no displays or not enough display presence to indicate Science IDEAS as a major element of classroom instruction if you walked into the empty classroom.)

2 1 0 [c] **Science IDEAS Journals:** Provide evidence of cumulative science learning and use of Science IDEAS elements, e.g., concept maps, writing, descriptions of hands-on activities, illustrations of science concepts (**2** = Consistent evidence, **1** = Partial evidence, **0** = little or no evidence)

3 2 1 0 [d] **Science IDEAS Teaching Fidelity:** *Global Clinical Judgment* of Science IDEAS Teaching Fidelity
(**3** = *Outstanding* Fidelity (i.e., considered to be a model Science IDEAS classroom)
2 = *Acceptable* Fidelity (cumulative learning emphasis, use of all IDEAS elements)
1 = *Implemented, but not with Fidelity* (only partial Science IDEAS implementation)
0 = *Not implemented at all*)

2 1 0 [e] Students “**on-task**,” i.e., typically engaged in science learning tasks (**2** = Consistently on-task (80% or more), **1** = Inconsistent on-task (80%-40%), **0** = Consistently off-task (40% or less))

4 3 2 1 [f] **Classroom Affect:** Classroom affect involving teacher-student interactions... (**4** = Consistently Positive (80% or more), **3** = More Positive than Negative, **2** = More Negative than Positive, **1** = Consistently Negative (80% negative or more))

Science IDEAS Multi-Day Lesson Plans (*Optional*)

Note- if this fidelity component is included, then the results should be incorporated as part of the global fidelity judgment in [d] above

2 1 0 [g] **Science IDEAS Multi-Day Lesson Plans**
Inspection of multi-day lesson plans at time of classroom fidelity visit to classroom
(**2** = multi-day lesson plans focus on the same (or related science) concepts, include all 6 Science IDEAS elements, allocate 25% or more of instructional time to multiple-source reading (e.g., textbooks, trade books, internet sources),
1 = multi-day lesson plans focus on science concepts, but do not include all 6 Science IDEAS elements or allocate less than 25% of time is allocated to multiple-source reading,
0 = multi-day lesson plans are not focused on science concepts (also may or may not include all 6 Science IDEAS elements or allocate less than 25% of time is allocated to multiple-source reading)).

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