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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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