



# Standards- Based Learning Targets

## First Grade Unit: Solids and Liquids

Lesson #	Lesson Name	Science Standard	Student Learning Target	Assessment
1	Pre-Unit Assessment: Observing and Describing Two Solids	K-1 INQC	I can observe and compare two solids.	Teacher Observes Journal Entry
2	Observing Properties	K-1 PS2B	I can sort by color and shape.	Think, Pair, Share Journal Entry
3	Comparing Solids that Roll with Solids that Stack	K-1 INQA	I can investigate whether a solid rolls or stacks and explain why.	Think, Pair, Share Journal Entry
4	Rolling Solids	K-1 INQD	I can test rolling solids to see which rolls farthest.  I can use force.	Teacher/Student Observe Journal Entry
5	Testing the Hardness of Solids	K-1 INQA	I can sort six solids for floating and sinking.	Think, Pair, Share Journal Entry
6	Investigating Solids in Water	K-1 INQA	I can test solids for floating and sinking.	Think, Pair, Share Journal Entry
7	Testing Solids with a Magnet	K-1 INQC	I can determine if a solid is magnetic by using a tool.	Teacher/Student Observe Journal Entry



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8	Guess My Reason	K-1 ES2B	I can sort by a property and explain it.	Teacher/Student Observe Journal Entry
9	Investigating Two New Solids	K-1 INQD	I can sort investigate and record properties of two new solids.	Think, Pair, Share Journal Entry
10	Observing and Describing Two Liquids	K-1 INQA	I can compare two liquids and explain my thinking.	Think, Pair, Share Journal Entry
11	Investigating Liquids	K-1 INQA	I can investigate and record properties of four liquids.	Teacher/Student Observe Journal Entry
12	Flowing Liquids	K-1 INQC	I can observe and explain how liquids are similar and different.	Think, Pair, Share Journal Entry
13	Drop Races	K-1 APPB	I can observe the process of evaporation. I can make a scientific illustration of the evaporation process over a few days.	Notebook Entry Discussion
14	Mixing Liquids	K-1 INQA	I can test a liquid for miscibility with water and explain the results.	Think, Pair, Share Journal Entry
15	Investigating Two New Liquids	K-1 INQC	I can investigate, record, and explain properties of two new liquids.	Think, Pair, Share Journal Entry
16	Comparing Solids & Liquids	K-1 INQA	I can explain how solids and liquids are similar and different.	Notebook Entry Discussion



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12	Testing Rainy Day Fabrics	K-1 APPD	I can test and determine which fabric will keep me driest in the rain.	Journal Entry Discussion
15	Comparing Forecasts to Today's Weather	K-1 APPD	I can compare today's weather with what was forecasted for the day. I can explain why the weather forecast is a prediction. I can make decisions about what to wear and do based on the weather forecast. I can make a forecast using my recorded weather data.	Students complete & discuss life cycle extension project
16	Post Assessment	K-1 INQC	I can identify and explain patterns/trends in the weather data.	Think, Pair, Share Self-Reflection Rubric

