

Transforming Science Learning- Engaging Students in the SEPs Using Digital Tools- Webinar Dashboard for 1.21.21

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[ADE Science Standards Page](#) | [ADE Science Resource Page](#) | [ADE Science & STEM Webinars](#)

1	General Resources	<ul style="list-style-type: none"> ⊕ Presentation PDF: PDF of Slides ⊕ ADE Webinar Pathways
2	3 Categories of Science & Engineering Practices	<ul style="list-style-type: none"> ⊕ Assessing Practices Along a Continuum Article from NSTA ⊕ The Wonder of Science 3-D Cards
3	National Science Teaching Association (NSTA) Resources	<ul style="list-style-type: none"> ⊕ ALL Daily Dos: https://www.nsta.org/resources/daily-do ⊕ Daily Do: Why Does the Ice Melt Faster?
4	Phenomena Video	<ul style="list-style-type: none"> ⊕ Ice Melting Blocks Video
5	Alone Zone- Notice & Wonder	<ul style="list-style-type: none"> ⊕ See-Think-Wonder Table (make a copy)
6	Noticings/Observations Jamboards by Birthday Month	<ul style="list-style-type: none"> ⊕ December_January ⊕ February_March ⊕ April_May ⊕ June_July ⊕ August_September ⊕ October_November
7	What about the Science & Engineering Practices?	<ul style="list-style-type: none"> ⊕ Vertical Progressions Document
8	Melting Ice on Two Different Objects	<ul style="list-style-type: none"> ⊕ Ice Melting Blocks Data Table 1 (make a copy)
9	Initial Models & Student Discourse	<ul style="list-style-type: none"> ⊕ Ice Melting Blocks Initial Model Scaffold 1 (make a copy) ⊕ Talk Science Sentence Starters for Student Discourse <ul style="list-style-type: none"> ○ STEM Teaching Tool #41- Student Discourse
10	Developing an Initial Model in Collaborative Group Google Docs by Birthday Month	<ul style="list-style-type: none"> ⊕ December_January ⊕ February_March ⊕ April_May ⊕ June_July ⊕ August_September ⊕ October_November
11	Additional Resource from this Daily Do	<ul style="list-style-type: none"> ⊕ Ice Melting Blocks Data Table 2- Kitchen Spoons (make a copy)
12	Alternative Videos	<ul style="list-style-type: none"> ⊕ Ice Melting Blocks Video Option 2 <ul style="list-style-type: none"> ○ Longer (1:32) timelapse displaying elapsed time, initial temperature of blocks, blocks with heat sensitive liquid crystal sheets, commercial video ⊕ Ice Melting Blocks Video Option 3 <ul style="list-style-type: none"> ○ Longer (1:02) timelapse, no elapsed time, non-commercial
13	Additional Resource from this Daily Do	<ul style="list-style-type: none"> ⊕ Hot Spoons Formative Assessment (make a copy)
14	Prompts for Crosscutting Concepts (Patterns, etc.)	<ul style="list-style-type: none"> ⊕ STEM Teaching Tool #41- Prompts for Integrating Crosscutting Concepts Into Assessment & Instruction