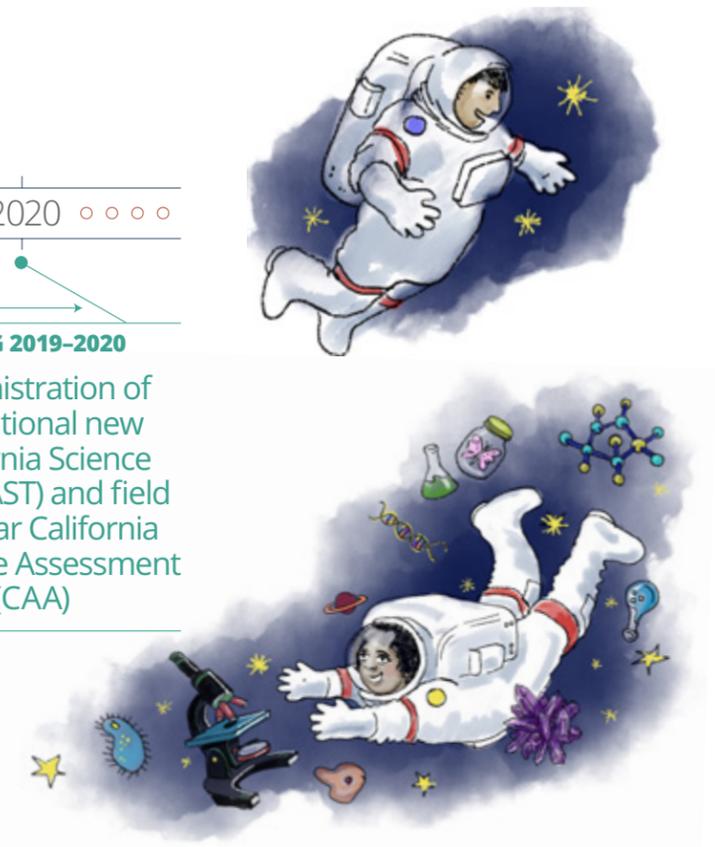
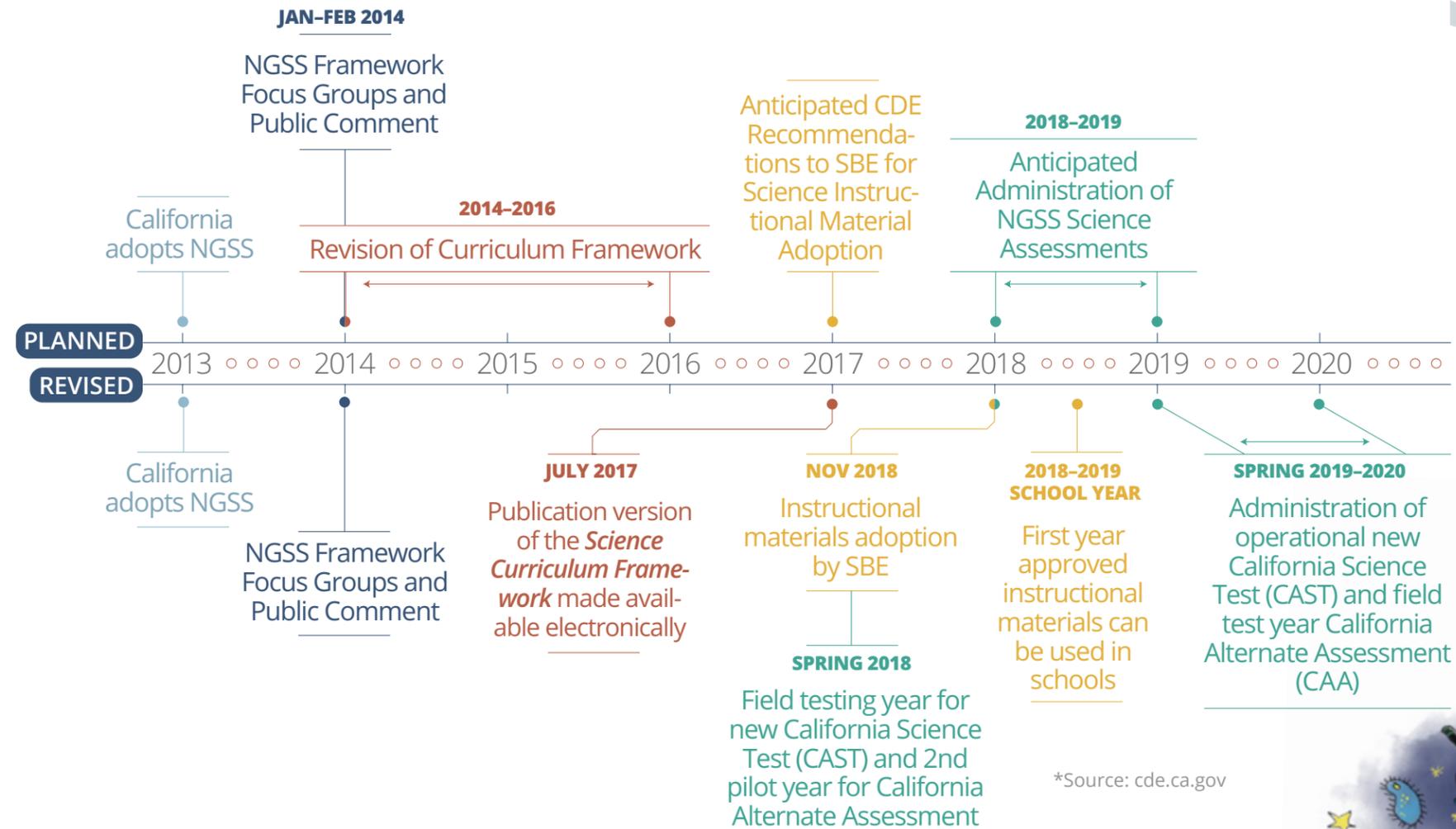


District leader perceptions suggest that teachers may not yet have had time to benefit from the training and practice needed to master the instructional shifts demanded by the Next Generation Science Standards.

For more of *The Center's CA Insights* on SPOTLIGHT ON NGSS, visit us at Thecenter.wested.org/spotlight.

Over the course of this year's research cycle, we've unpacked the landscape of California State Standards implementation by examining key drivers of implementation such as Funding, Professional Learning, and Instructional Shifts. Now, we look across those domains to explore how districts are approaching implementation of the Next Generation Science Standards. As we learn in this domain, NGSS implementation on the whole is still proceeding slowly, as district capacity lags behind the state's planned timeline.

A TIMELINE OF PLANNED VERSUS REVISED NGSS IMPLEMENTATION IN CALIFORNIA*



IN THEIR OWN WORDS: DISTRICT LEADERS – BASED ON WHAT YOU'VE LEARNED FROM IMPLEMENTING THE MATH AND ELA STANDARDS, WHAT WOULD YOU DO DIFFERENTLY FOR NGSS?

 *“Definitely for NGSS, **focusing on the standards and the frameworks**. I would spend more time with that in conjunction with the professional learning. [That’s] one of the things that I don’t think we did enough with the professional learning [for math and ELA].” – District Leader*

 *“One is, **we [need to] go slower**. That’s for sure. I think **we’ve raced at a fast pace and I think it’s killing teachers and it’s too much and they’re not absorbing it at a deeper level**. Going slower. What we’re doing now is we’re frontloading [focusing on the standards] before we even get near the [textbook] adoption.” – District Leader*

 *“We definitely have to have a multi-year plan. **What I know about the NGSS standards is it’s a wholesale change for folks**, so it’s going to have to be a multi-pronged approach, but we’re not even at the point where we’ve been able to [think about that]. We haven’t had those conversations. I don’t know what that looks like.” – District Leader*

 *“We’ve piloted a lot [of curricula] but teachers didn’t know enough about what they needed in the beginning to know [about NGSS]. And I’m glad we didn’t purchase anything [right away]... We went without [a purchased curriculum] and put our own together with NGSS. **I really am hopeful that we’ll be able to have some materials that we can say, ‘Hey, here’s the expectation and the standard and here are materials that’ll help you get there.’**” – District Leader*