



# CREATIVE PROBLEM SOLVING



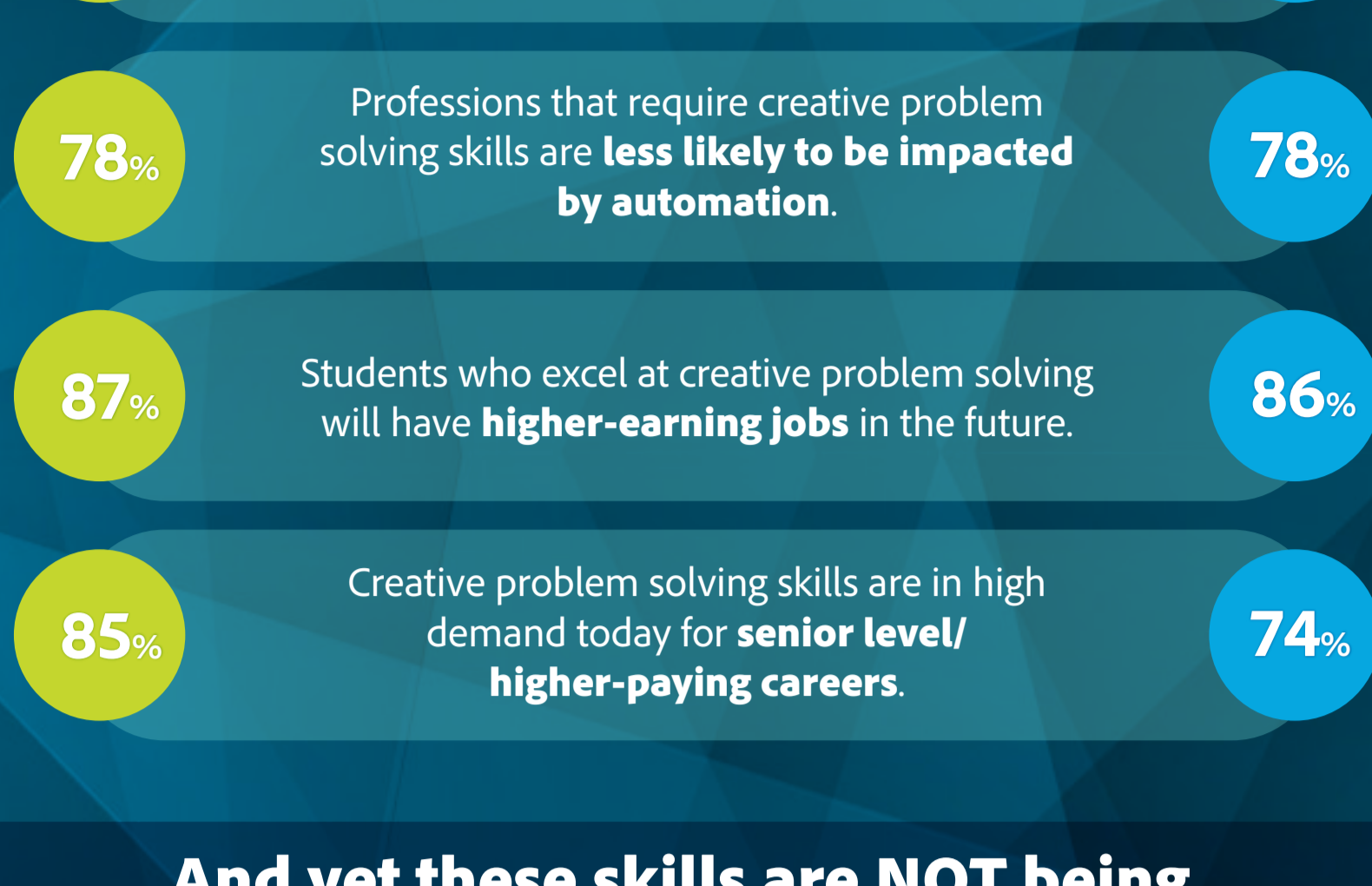
## Essential Skills Today's Students Need for Jobs in Tomorrow's Age of Automation

Creative problem solving is the process of redefining problems and opportunities, coming up with new, innovative responses and solutions, and then taking action.

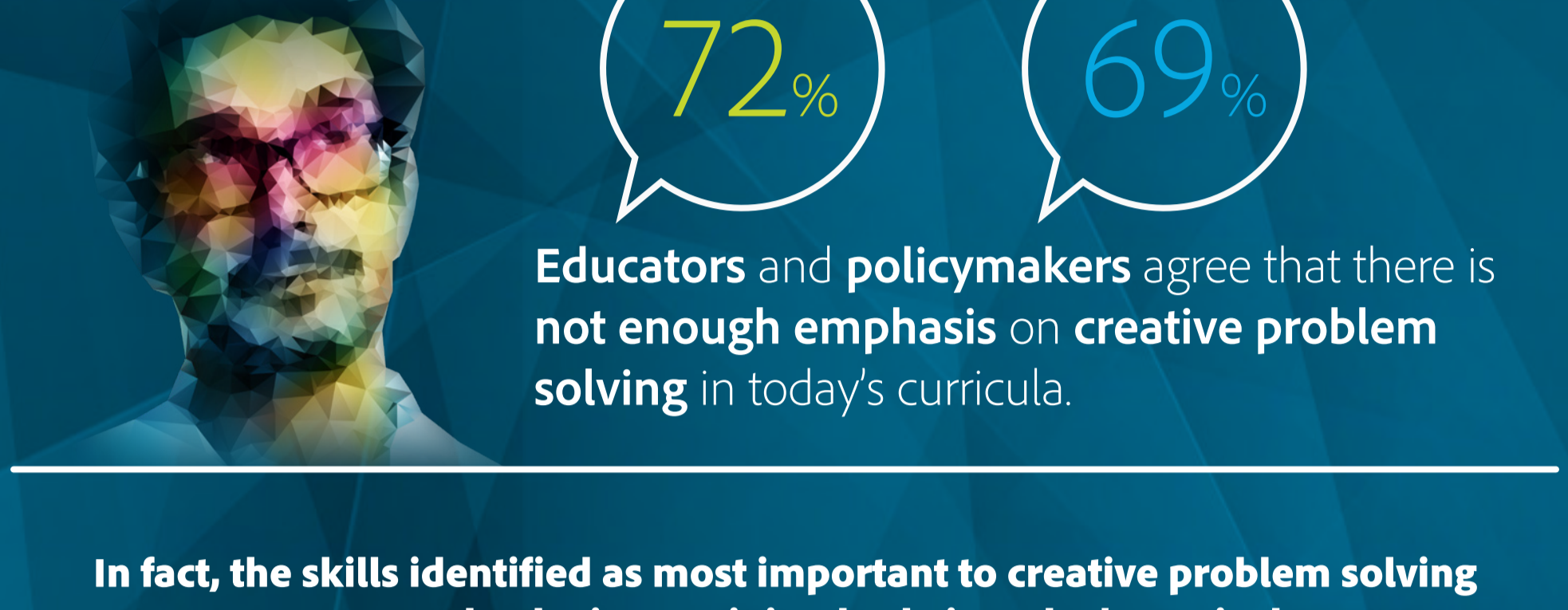
Research shows that tomorrow's jobs will demand creative problem solving skills. We asked 400 higher and secondary educators, and 200 policymakers and influencers around the world to tell us about how students are being prepared to be creative problem solvers. Here is what we found...

### Educators and policymakers agree:

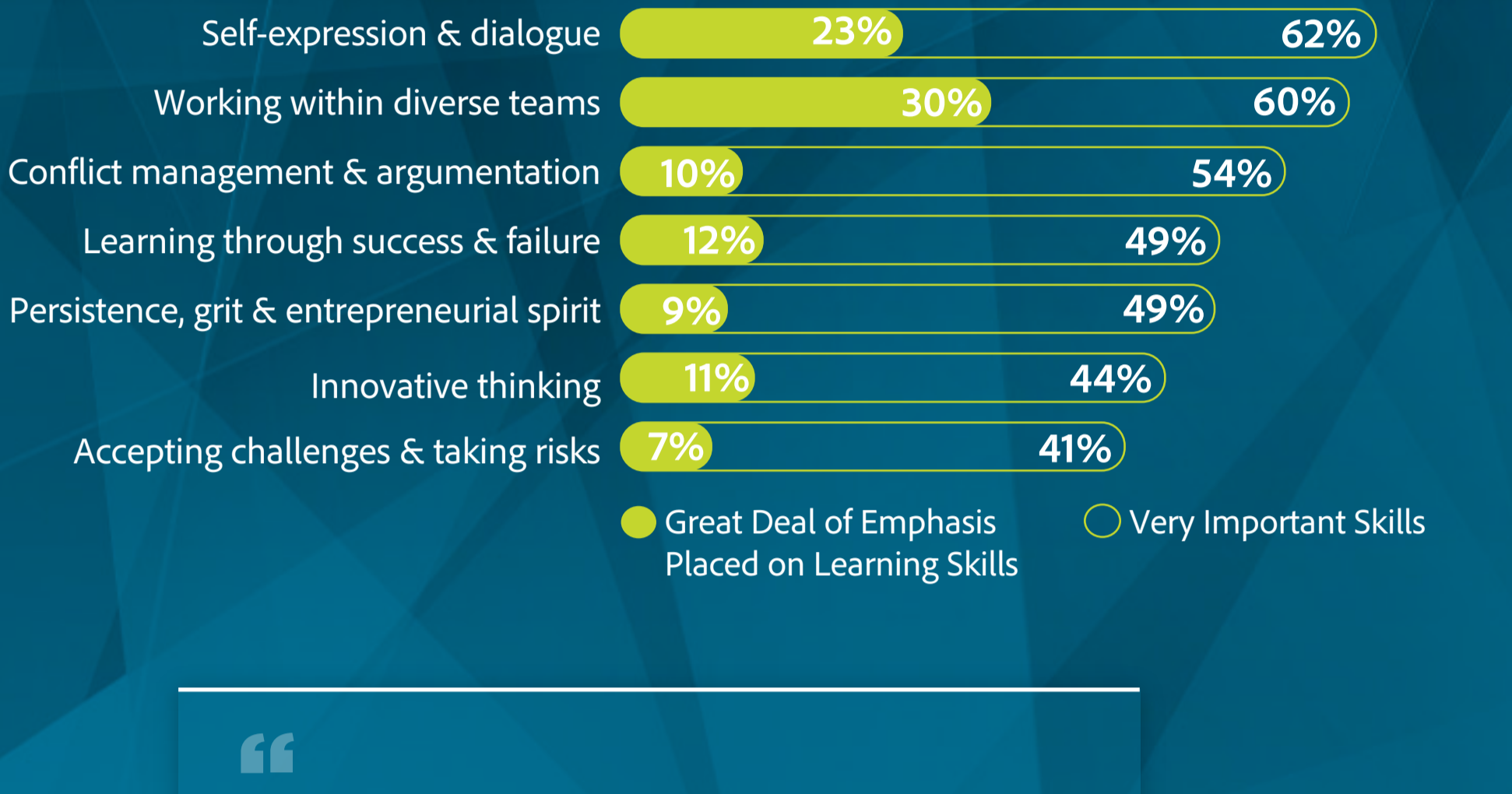
#### Creative problem solving is critical to future career success in an age of automation



### And yet these skills are NOT being nurtured in schools today



In fact, the skills identified as most important to creative problem solving are currently playing a minimal role in today's curricula.



*"In schools today there are tasks, but no value is placed on creative solutions – only on the fact that the tasks are executed correctly. Creative problem solving and more independent work would have to be integrated into the curriculum for all subjects at an early stage."*

Policymaker



### There are many barriers to teaching creative problem solving in schools today



*"The budget for the school is not enough, we have the worst, outdated technology [in school] and no technology at home for the students."*

Educator, Secondary

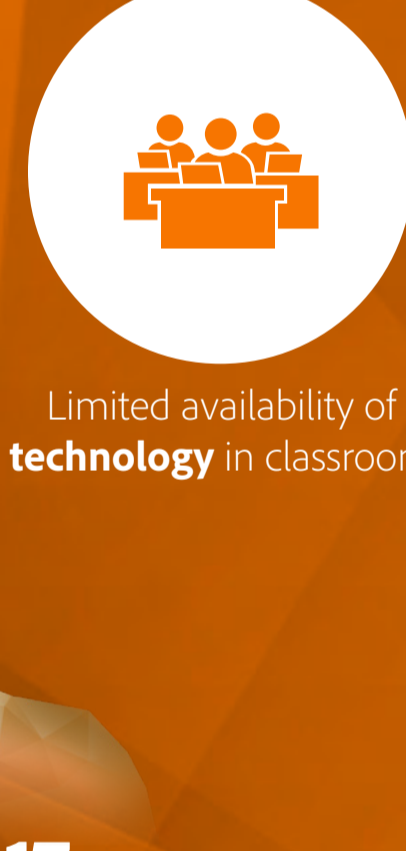


*"We're limited by a need for] teacher training and equipment for the schools (software). Also, mandatory measures affect curricula and exams."*

Educator, Post-Secondary



More than half of educators don't have access to the tools and training they need to nurture these skills. School budget restraints and a lack of time, technology and training keep teachers from getting the knowledge they need.



*"In many federal states, education policy has not yet woken up, opening up to new concepts only slowly and sluggishly."*

Policymaker

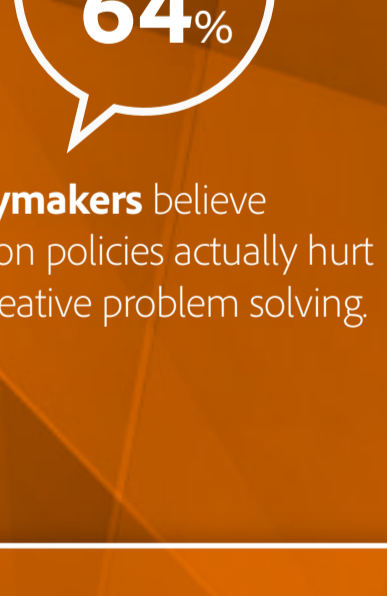


*"Education policy has not changed much regarding creative problem solving."*

Policymaker



### Today's policies aren't helping either



There is a gap in understanding the realities of integrating creative problem solving into the classroom. Policymakers see these skills as less difficult to integrate into today's curricula than educators do.



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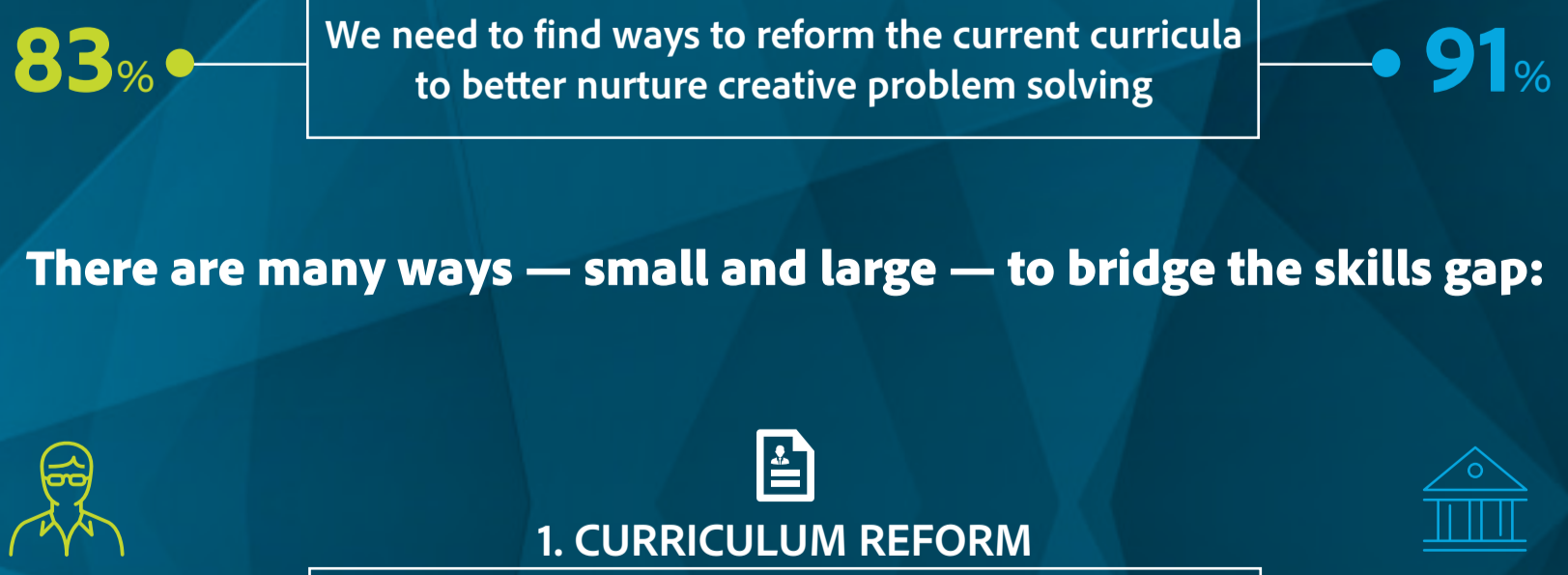


*"Education policy has not changed much regarding creative problem solving."*

Policymaker



### Educators and policymakers believe it will take a variety of solutions to better nurture creative problem solving



There are many ways — small and large — to bridge the skills gap:



### Technology alone is not the answer, but it plays a key role

Today's students are facing a sea change like no other, and Adobe is working with educators and students to help them develop these essential skills for entering tomorrow's workforce.

To learn more about:

- Why creative problem solving skills are so important to jobs of the future
- How Adobe is supporting educators, inspiring students and making tools more accessible
- And to hear directly from educators successfully using technology to teach creative problem solving skills in their classrooms

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