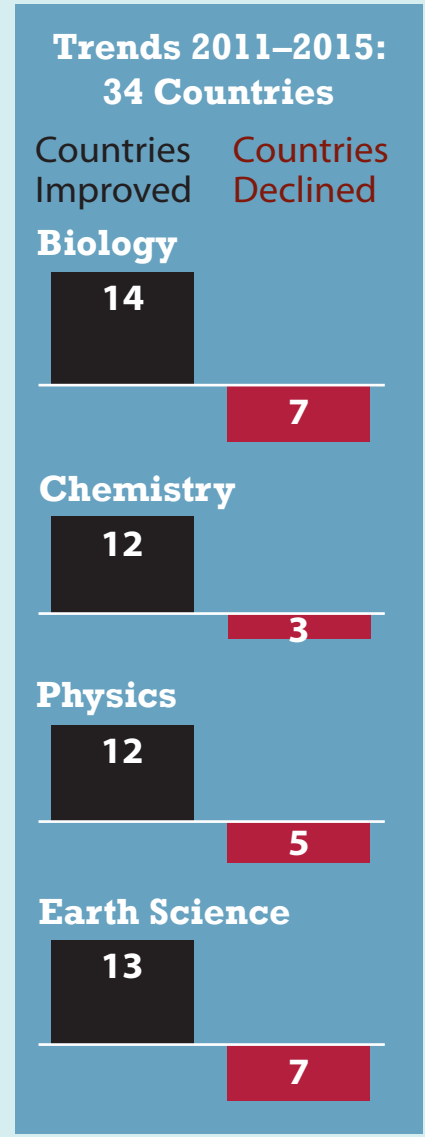
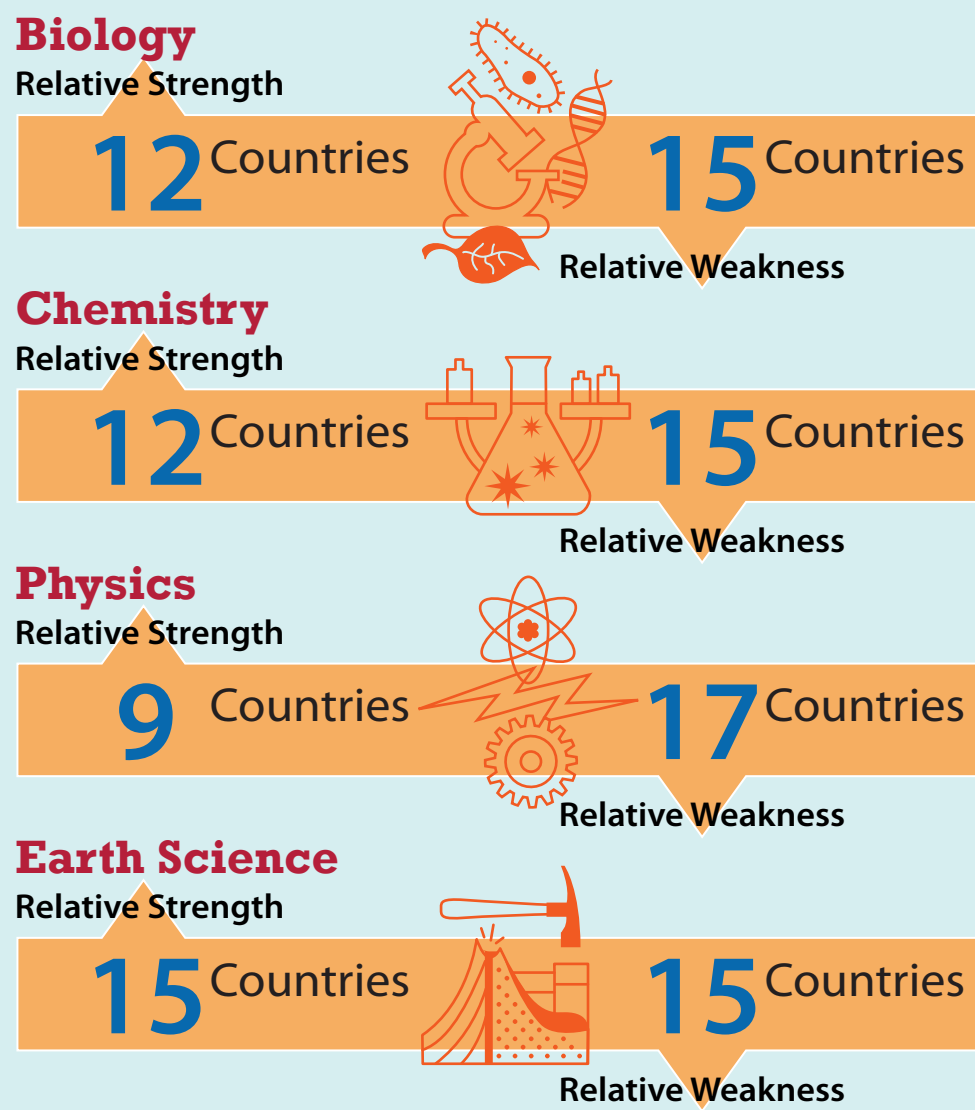


Achievement by Content Domains

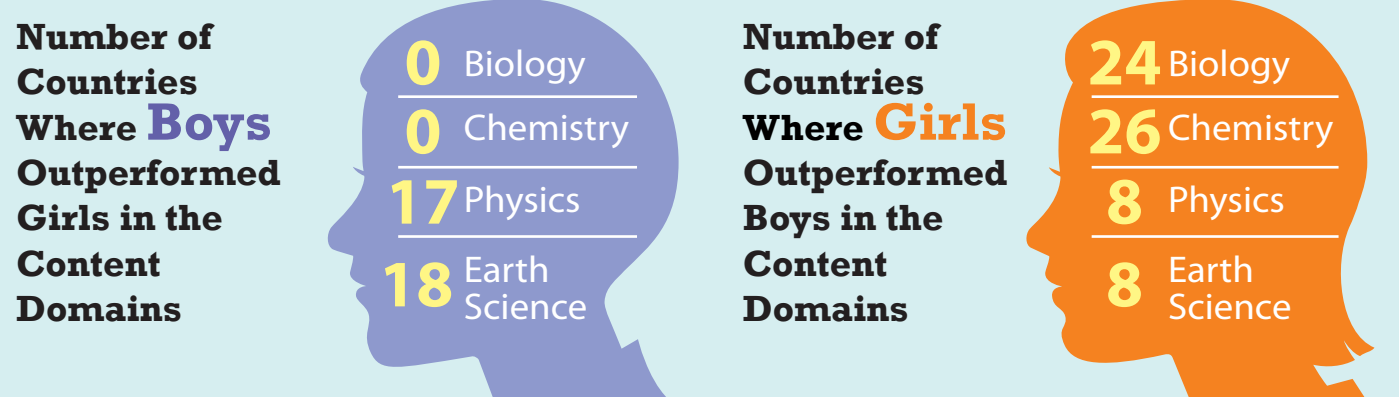
Within science, TIMSS at the eighth grade provided results for four content domains—Biology, Chemistry, Physics, and Earth Science. Most countries demonstrated strengths in one or two content domains compared to science achievement overall, and weaknesses in one or two content domains.

TIMSS 2015: 39 Countries



Differences in Achievement by Gender in the Content Domains

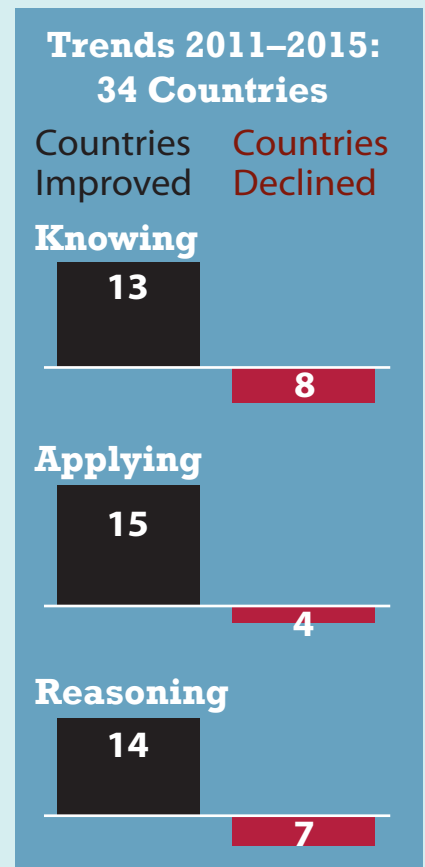
Achievement differences in content domains by gender showed a large advantage for girls in Biology and Chemistry. Boys had an advantage in Physics and Earth Science.



Achievement by Cognitive Domains

TIMSS at the eighth grade provided results for three cognitive domains—Knowing, Applying, and Reasoning. Although there was some balance in achievement across cognitive domains, most countries had at least one strength and one weakness compared to science achievement overall.

TIMSS 2015: 39 Countries



Differences in Achievement by Gender in the Cognitive Domains

Differences in the cognitive domains by gender show an advantage for girls in the Reasoning domain and for boys in the Knowing domain.

