## Lay summary

Animals need to learn to adapt their behavior, but early developmental conditions can limit this ability. Factors like temperature and maternal stress hormones (glucocorticoids) may interact to influence learning, particularly in ectotherms. We studied how glucocorticoids and temperature during incubation affected learning in two lizard species. Surprisingly, both species maintained similar learning rates regardless of treatment, suggesting they could overcome early challenges. Additionally, color influenced their decision-making, highlighting the importance of color in cognitive tests.