

Early Years Science Experiment Ideas:

Will it dissolve?

This activity teaches children about solubility, specifically whether a given substance will dissolve in water. You'll need several small, transparent water containers (e.g. plastic or glass cups) and a range of substances to test (e.g. sugar, oil, salt, food colouring, rice, flour). Before dropping each substance into a cup ask your child to guess whether it will dissolve or not. Can they explain what they think will happen? After you have put the substance in water ask your child what they have found out. Was their prediction correct? Encourage your child to talk in full sentences when explaining their answers.

