Lesson title: Bui materials	ilding	Subject: Science Year level: 2	Duration: 45 minutes
Learning intentions: Students will be able to identify different materials and explain their properties		Resources for students: Three objects of different weight, such as a tissue (straw), a plastic Duplo block (stick) and a container of playdough (brick) Hairdryer and students' breath (wind)	 Predict—Observe sheets
Phase/Time allocation	7 16	ction/activity/instruction:	Classroom management
introduction 10 minutes	 Ask ques houses? Ask stud suitable the mate 	Three Little Pigs tions about the materials used to build each house; What did the pigs use to build their Why do you think the first two houses blew away? Which house was most stable? Why? ents to list the properties of each material (straw, sticks, bricks) and suggest why they were for building or not. What are the properties of the materials that did not work? What about rials that did? table on the whiteboard three materials. Consider hard/soft, heavy/light, flexible/brittle.	Sit on floor and listen to story Reflect on story, answer questions

Introduce experiment by posing questions: What other materials might be good for building? How can Split into groups Body: Decide which wind they we find out? Student inquiry and investiga-Hand out three different objects and split class into five groups. Ask students to move to their groups. will use Explain experiment. Ask students to decide on what form of wind they will use (hairdryer or their own Observe teacher's use of tion: breath). Model how to use the hairdryer hairdryer 25 minutes Outline group expectations: cooperative work, everyone has a go, discuss results, record on Predict-Do experiment in groups Record results Observe sheets. Ask students to predict which items would be blown away by the wolf's huffing and puffing. Allow students to hold the items and make comparison. Record predictions on the worksheet. • Discuss reasons why the Discuss comparative vocabulary, such as light, lighter, lightest or heavy, heavier, heaviest. materials are suitable or If finished early then ask students to work out how far it moved. not for building Discuss results with During experiment, circulate through class monitoring behaviour and eliciting students' understandwhole class ings by asking questions: What have you noticed about the materials in each category? Why do you think you need to make sure the hairdryer is at the same place each time? Can you tell me something about the materials that you think may be good or bad for building? Call class back to whole group scenario? Make comparison to the Conclusion Revisit the book and review the materials the wolf was able to blow down and the one that was not. materials that they have Create a table of properties of good building materials on the whiteboard, use questions to elicit 10 minutes responses. What do you notice about all the materials that are good? What do they have in common? used and from the book. Would you say they are hard/soft, heavy/light? Do they move/bend? Did they pass the blow test? Provide reasons for choic-Use questions to guide discussion about why some materials are suitable for building and others are es regarding suitable and not. Why do you think this material was/was not suitable? What do you think are the best materials unsuitable materials for building/why? If you were going to build a house what would you use? Why? Work sample: Predict-Observe sheets **Formative** assessment