



Being LeadSmart at home

Preschool - Module 2

Module overview

This lesson gives children the opportunity to explore and familiarise themselves with LeadSmart strategies they can use when at home. They will learn about where to play when outside, where they can find lead at home and what they can do to help protect themselves from lead harm when playing at home.

Aims and objectives

- Broaden their understanding of the world in which they live
- Express an opinion on a matter that affects them
- Demonstrate a sense of comfort and belonging in their environment
- Use play to investigate, project and explore new ideas
- Participate with others to solve problems and contribute to group outcomes
- Show growing appreciation and care for natural and constructed environments
- Express wonder and interest in their environments
- Are curious and enthusiastic participants in their learning
- Explore their environments
- Show an increasing awareness of healthy lifestyles and good nutrition
- Show increasing independence and competence in personal hygiene, care and safety for themselves and others

Differentiation

As with all of the LeadSmart Education modules, we encourage you to differentiate the following activities by making any necessary modifications in order to cater for diverse student learning needs.

Note: The suggested duration of the activities found within this module may require adjustment to cater for the needs of your students.

Resources

- LeadSmart die net (print onto heavy card, cut out and construct prior to activity)
- Preschool activity booklets
- Lead and coloured pencils
- Materials for sensory play: Empty bottles with lid, and materials to use to make sensory bottles
- Materials for exploratory play: A variety of man-made and natural resources found in the outside play area (wash thoroughly before use in activity), glue, and glitter
- Materials for creative play: Paint smocks/apron, coloured sand, art paper, and craft glue
- Materials for dramatic play: Dolls, grass coloured material, sand coloured material, and dirt coloured material

EYLF learning outcomes

Outcome 2: Children are connected with and contribute to their world

- 2.1 Children develop a sense of belonging to groups and communities and an understanding of the reciprocal rights and responsibilities necessary for active community participation
- 2.4 Children become socially responsible and show respect for the environment

Outcome 3: Children have a strong sense of wellbeing

- 3.2 Children take increasing responsibility for their own health and physical wellbeing

Outcome 4: Children are confident and involved learners

- 4.1 Children develop dispositions for learning such as curiosity, cooperation, confidence creativity, commitment, enthusiasm, persistence, imagination and reflexivity.
- 4.2 Children develop a range of skills and processes such as problem solving, inquiry, experimentation, hypothesising, researching and investigating

Outcome 5: Children are effective communicators

- 5.1 Children interact verbally and non-verbally with others for a range of purposes

Introductory phase

15 minutes

We recommend keeping a record of the children's participation in and understanding of the activities and discussions in this lesson with a floor book or log book. This can be used to record children's voices, reactions and preferences throughout the session as well as any continuous learning opportunities and can be used as a wall display to start off your project when combined with photos taken throughout the day.

1. Gather the children together and instruct them to sit down in a circle.
2. Explain that you are going to play a game. Show the children the LeadSmart die, roll it and identify the picture it lands on. Explain that this die shows us how we can be LeadSmart at home.
3. Select children to roll the die, each time it lands on a picture discuss it with the children using the prompts below.

Image	Questions for children	Teaching points
Shoes	When do we wear shoes at home? When do we take our shoes off? Where do we keep our shoes?	Shoes can have dust, dirt and soil on them that contains lead. Before going inside, take your shoes off and leave them outside to stop lead from spreading.
Dog	Who has a pet at home? What type of pet do you have? How do you look after your pet? Where does your pet sleep?	Pets love to play and often get dirt all over them. This dirt could contain lead. Wash your pets regularly and brush them outside and always wash your hands after playing with or patting a pet.
Lead Ted Jnr	Who is this? Where does he live? How does he help people in Broken Hill?	Lead Ted Jnr helps people become LeadSmart. He teaches people in Broken Hill where they can find lead and ways to protect themselves from lead getting into their body.
Sandpit	Where do you play outside? Who has a sandpit at home? What happens to the sandpit when you aren't using it? What other things can you play with outside?	A sandpit that can be covered when not in use is a great LeadSmart place to play. Covered surfaces like grass and cement are also LeadSmart places to play. Avoid playing in bare dirt and soil. Lead can also fall on any uncovered surface outdoors like toys and play equipment, for example, balls, slides, bikes, trucks.

Sink	<p>When do you use a sink? Why is it important to wash your hands? When do you wash your hands?</p>	<p>The main way that lead gets into our body is from our hands into our mouth, so it is important to keep our hands clean by washing them! Always wash your hands before eating, after playing outside and after touching your pet.</p>
Dusty	<p>Who is this? Why do we have lead in Broken Hill? Is lead bad for us Where can we find lead in Broken Hill?</p>	<p>Dusty is a piece of lead dust. Lead can be found in dust, dirt and soil in and around our homes and throughout Broken Hill from past and present mining activities. Lead can also be found in old paint in and around homes and buildings. If children see flaking or chipping old lead paint on things like doors and windows around their home they should stay away and tell an adult immediately. Lead does not belong in the human body and can make us sick.</p>

Supporting activities

Set up a range of areas both inside and outside with provocations for children to explore this topic, as well as areas that correspond to children’s current and ongoing interests. We suggest the following areas:

Literacy development – Turn to the page ‘Playing LeadSmart’ in the children’s activity books and encourage children to trace and colour each of the pictures. For each picture, encourage talk about how it links with our LeadSmart learning: You must wash your hands after petting animals, you must wash your hands after playing in the sandpit and ensure sandpits are covered when not in use, Shoes should be left outside, we should wash our hands thoroughly at the sink!

Exploratory development - Provide children with a range of natural and manmade objects such as toys and sticks that can be found while playing outside. Glue some glitter onto some of the objects. Allow opportunity for children to interact and sort objects. This is an opportunity for children to investigate objects outside that could have lead on them, it reinforces and promotes LeadSmart safe play.

Sensory development - Provide each child with an empty bottle, a funnel and materials such as sand, glitter, and water. Allow each child to create their own LeadSmart sensory bottle by filling an empty bottle with craft materials that represent how they can be LeadSmart when playing outside. The sensory bottles can be used to reinforce LeadSmart behaviours before going outside to play. They can also be used as a calming or transitional activity.

Dramatic play – Provide children with a range of props such as dolls, grass coloured material, sand coloured material and dirt coloured material. Observe how children pretend play in ‘outside’ areas. Observe and note if children are directing their play in LeadSmart areas. This is a good opportunity to consolidate learning.

Creative development – Provide a range of coloured sand, paper, craft glue and protective aprons for children use in order to create a sand artwork. Encourage them to remember to wash their hands after using the sand. Take pictures of the children playing outside prior to the activity, print out and place the pictures on the sand art station so children can use them as inspiration.



1. Gather children together in a circle to play the LeadSmart die game again.
2. Select different children to have a go at rolling the die.
3. When the die lands on each image allow children the opportunity to identify the LeadSmart Strategy on their own before prompting them.
4. Use this opportunity to reinforce LeadSmart strategies and to consolidate learning.

Questions for sustained shared thinking

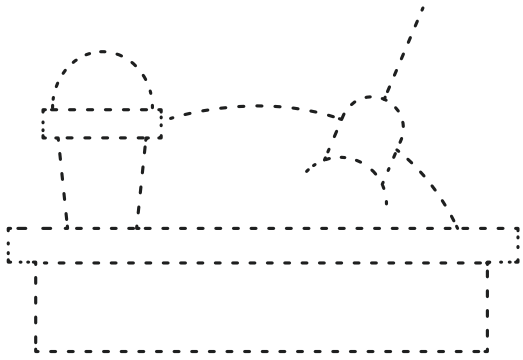
Prompts for shared conversations, which can be extended or developed:

- What do you like playing with when you are outside?
- Where do you play when you are outside?
- What games can you play when outside?
- How can you help protect yourself from lead when you play outside?
- Why is it important to wash your hands after playing outside?

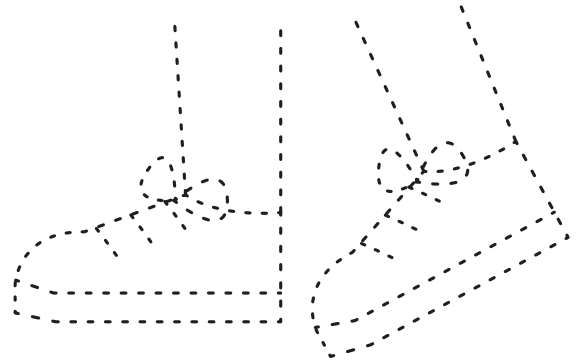


Playing LeadSmart

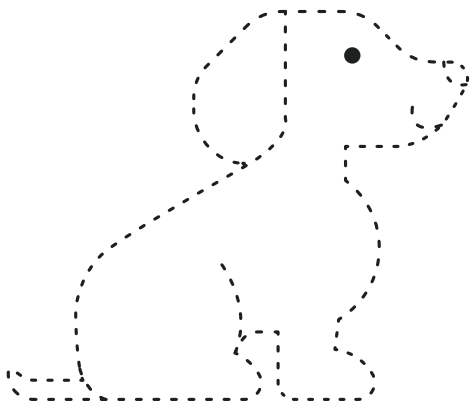
Trace and colour the images below and find out how you can be LeadSmart while playing.



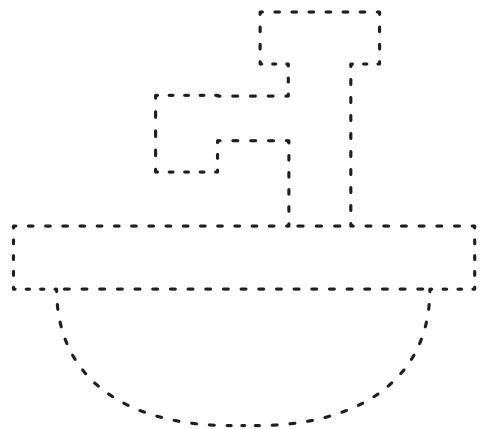
sandpit



shoes



dog



sink

Accompanying resource: LeadSmart die net

How to use: Print, preferably onto A3 heavy cardstock, and cut out. Fold along the creases and secure together using glue or sticky tape.

