



# Science & Nature Resource Guide



**Play & Learn - KIDCO AT HOME**

## EXPLORATION TRAY

Fill a tray with items gathered on a nature walk. Encourage your child to describe each item with descriptive words - bumpy, rough, smooth etc. Play 'What's Missing?' by taking an object away and encouraging your child to say which item you removed.



**Play & Learn - KIDCO AT HOME**



## **Nature Prints**

Supply your child with various colours of playdough and nature objects to 'capture' their prints. Press the object firmly into a flattened out piece of playdough to see the veins and imprints of each item.



**Play & Learn - KIDCO AT HOME**

## **PAPER PLATE SUNCATCHERS**

Provide your child with a paper plate that has had the centre cut out. Fill the hole with contact paper and invite your child to fill the sticky centre with items found on a walk. Hang the suncatcher in a window to enjoy.



**Play & Learn - KIDCO AT HOME**



## **DRIP PAINTING**

Using a baking sheet or kitchen tray propped up with books or blocks, invite your child to paint on an incline. Offer assorted paints and eye droppers for them to create a drip painting. Ask open ended questions to encourage their critical thinking. How did that happen? How does it work?



**Play & Learn - KIDCO AT HOME**

## **PINECONE BIRDFEEDER**



Create this little bird feeder with a pine cone, peanut butter and bird seed. Encourage your child to spread the peanut butter on each of the cones and once covered, roll in small bird seed. Attach a piece of yarn to the top to hang outside.

Invite your child to observe which birds visit their feeder - looking at colours and discussing the various birds.



**Play & Learn - KIDCO AT HOME**

## **Rain Cloud Discovery**

Fill the top of a glass of water with shaving cream that will represent clouds. The water represents the air and invite your child to drip blue coloured water into the clouds to represent rain. As the colored water saturates the “cloud”, it gets heavy and eventually is so heavy that it can no longer hold the water. It “rains” down into the jar.



**Play & Learn - KIDCO AT HOME**



## **ROCK POLISHING**

Set up a rock polishing investigation for your child with a small sifter, rocks, a bowl of water and a toothbrush. After collecting a few small stones, encourage your child to 'polish' their rocks (with water) to unveil an assortment of colours.



**Play & Learn - KIDCO AT HOME**



## BIRD NESTS

Invite your child to create a nest for birds using items found on a walk, as well as string and playdough. Encourage your child to create a home for birds to adopt by making a small bowl that they line and decorate. Ask your child what items they feel a bird would like in their home. Once complete, place outside to watch if a bird will claim the nest.



**Play & Learn - KIDCO AT HOME**

## Magnetic Hair Styles

Create a scientific invitation with this cute pipe cleaner and magnet activity. Cut up or utilize leftover pipe cleaners and supply your child with a wand magnet. Encourage your child to count and explore how many pipe cleaners they can get to stick on their new Crazy Magnet Person.



**Play & Learn - KIDCO AT HOME**