Animal Engineers

A Museum of Science Traveling Program
Description

**Animal Engineers** is a 40-minute hands-on workshop specifically designed for preschool children.
Needs

We bring all materials and equipment.
Space Requirements

The program can be set up in any indoor room with at least 15’ x 20’ of clear floor space. If desired, each session can be taught in a different room.
Goals: Animals are Engineers

The program starts with a story where the children learn about four animal engineers.
Goals: Engineers Try Again

The story teaches that engineers don’t give up trying to solve problems, and that they use different materials.
Goals: Touch Boxes

The children explore touch boxes, describing what they see and feel, and then match the animals that would engineer with those materials.
Goals: Meet a Live Animal

The children will get to meet a real live animal that engineers its environment—typically a turtle, a rodent, or an invertebrate.
Goals: You’re an Engineer

After the story, the children are faced with an engineering problem: A bird’s eggs keep falling out of the nest it made.
Goals: Designing Nests

The children use different types of fabrics around a nest base to try to solve the problem.
Goals: Designing Nests

They can test their nest and see if the eggs fall out when they shake it...improving the design if needed.
Program Details

• Only available for summer programming, for preschool classes, or camp groups.
• Not currently available for libraries.
• Appropriate for children ages 2.9 – 5 years.
Program Details

• Capacity is 20 children per session.
• Groups must include one participating adult for every ten children.
• Up to four consecutive sessions can be taught per day.
2019 – 2020 Prices

<table>
<thead>
<tr>
<th>Sessions per Day</th>
<th>Price</th>
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<tbody>
<tr>
<td>1 Session</td>
<td>$330</td>
</tr>
<tr>
<td>2 Sessions</td>
<td>$380</td>
</tr>
<tr>
<td>3 Sessions</td>
<td>$430</td>
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<tr>
<td>4 Sessions</td>
<td>$480</td>
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No mileage fees charged in New England in July/August 2019.
Animal Engineers

For information/reservations:
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