

Gizmos and Gadgets

Parent and Leader Guidebook: page 60-62
Lion Adventure Book: page 12

- Explore properties of motion.
- Explore properties of force.
- Use household materials to create a useful object.



Materials

- Copies of King of the Jungle handout, one per adult
- Copy of Den Meeting Plan, one for leader(s)
- Name tags and Sharpie
- Cub Scouts Poster Set with Scout Law, Scout Oath and Den Code of Conduct (#621086 from Scout Shop)
- Blue tape or something to hang posters on wall

Optional

- Snack and water
- Activities for siblings (e.g., coloring books)

Gathering: Mild Jug Toss

- One-gallon milk jug with bottom cut out for each Lion
- Various items to catch (e.g., bean bags, ping-pong balls, tennis balls)



Activity 1: Rolling Investigation

- Different-sized balls, cylinders, pipes (solid/hollow, cylinders/spheres, large/small) to roll down an incline

Activity 2: Ping Pong Ball Races

- Straws, one per Lion
- Ping-pong balls
- Dominos

Activity 3: Neckerchief Slide

- PVC
- Computer parts, washers, bolts and screws
- Glue (or hot glue gun)

Activity 4: Genius Kits

- Genius Kits, one per Lion (bag with 6-8 identical items: loose gears, twine, nuts and bolts, washers, marbles)

Activity 5: Gadget Collage

- Magazines
- Scissors
- Poster board

Activity Wrap Up

- Colored pencils, crayons or markers
- Few extra copies of *Lion Adventure Book* page 12 (for those who forget book).

Den Meeting Plan

Gizmos and Gadgets



Gathering

- Milk Jug Toss

Opening

- Good conduct candle
- Pledge, Scout Oath, Scout Law

Talk Time

- Den business
- Sharing time



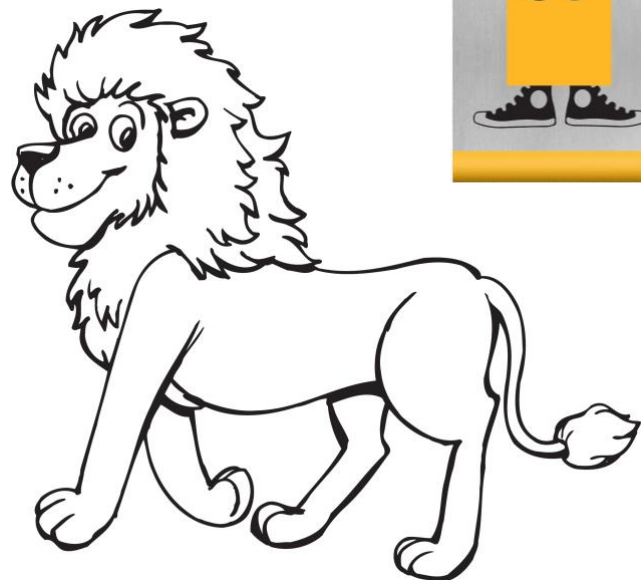
Activities

- Activity 1: Rolling Investigation (roll items down incline)
 - Which one rolls farthest down incline?
 - When pushed across floor, do they roll at same rate?
- Activity 2: Ping-Pong Ball Races
- Activity 3: Neckerchief Slide
- Activity 4: Genius Kits
- Activity 5: Gadget Collage
- Activity Wrap-up: *Lion Adventure Book*, page 12

Closing

- Scout Law

Gizmos and Gadgets Adventure



Scout Law

A Scout is trustworthy, loyal, helpful, friendly, courteous, kind, obedient, cheerful, thrifty, brave, clean, reverent.

Scout Oath

On my honor, I will do my best to do my duty to God and my country and to obey the Scout Law; to help other people at all times; to keep myself physically strong, mentally awake, and morally straight.

Upcoming Events

- Dec 16** Wreaths Across America, optional
10:00 am at Houston Cemetery
- Dec 20** Pack Meeting
(bring donation of first aid supplies)
- Jan 10** Den Meeting
- TBD** Outing
- Feb 7** Den Meeting
- Feb 24** Pinewood Derby
- Feb 28** Pack Meeting
- Mar 7** Den Meeting

Pack 72

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Orion District

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Sam Houston Area Council

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