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**Product Name :**

Kaleidoscope

**Product Code :**

SLE/LSM/03



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# Description :

**Kaleidoscope** (Product Code: SLE/LSM/03) is a hand-held optical toy used to show how reflections repeat into symmetrical, changing patterns in primary science and early-learning classrooms. Teachers of young learners use it for play-based lessons on light and symmetry, and at 0.09 kg it sits easily in small hands. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, and fits well into a hands-on science kit for primary school classes.

## Specifications

| Parameter | Detail |
|---|---|
| Item | Kaleidoscope (optical pattern viewer) |
| Weight | 0.09 kg |
| Dimensions (as listed) | 21 × 11.5 × 4 cm |
| Product code | SLE/LSM/03 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Is the Kaleidoscope Used For?

A kaleidoscope works by bouncing light between mirror surfaces inside a tube, so a small patchof colour is repeated around a centre point. In class it turns an abstract idea — reflection and symmetry — into something a child can see and describe. A simple activity is to let each pupil look, turn the end slowly, and then draw the pattern they saw, counting how many times one shape repeats.

It works well as an opening activity in an optics experiment kit for school, before pupils try a single plane mirror or a periscope. Ask children to aim it at a bright window, a lamp or a coloured picture, never directly at the Sun. Keep it in a box between lessons so the viewing end stays clean and unscratched.

## Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab and supplies this Kaleidoscope from Ambala, Haryana, as one of the learning items in its Science Material range for early-years and primary classrooms. Preschools, schools, dealers and importers in India and international markets can order a single piece or enough for a whole class. You can read about the company on the ScienceLab profile page.

## Related Science Material

These items build on the same lesson about light, mirrors and seeing:

- Periscope — another mirror-based viewer that shows how light can be turned round a corner.
- Mirror, Plane Glass — lets pupils study a single reflection before the repeated patterns of
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