



CELESTRON KIDS 50MM NEWTONIAN TELESCOPE

Item #: 22014



- 50mm Newtonian Reflector teaching telescope is great for astronomical viewing, and also includes a removable panel to show the telescope's inner workings
- Kids will learn about how light travels through a Newtonian telescope and the life of the telescope's designer, Sir Isaac Newton
- Easy assemble tripod included for stable viewing and easy transport
- **FREE** Starry Night software to teach your little one about the Universe

CAUTION: Never attempt to view the sun through this or any telescope without proper filtering

Always use with adult supervision

DESCRIPTION:

The Celestron Kids Newtonian telescope is a great beginners' scope, with a unique STEM learning element—the side panel detaches so young scientists can explore the telescope's inner workings. It's great for the classroom and young amateur astronomers alike.

When kids can understand how a telescope works, exploring the sky becomes that much more enjoyable. Simply remove the side panel and you'll be able to show off the telescope's mirrors and demonstrate how they capture light to produce an image in the eyepiece.

When night falls, enjoy an evening of stargazing with this fully functional telescope. Explore the Moon, stars, planets. This Newtonian Reflector telescope comes with an easy to

assemble tripod, which you can place on a table. You can also thread the optical tube directly onto a photographic tripod or monopod.

With your purchase, you'll receive a free download of printable educational material about Sir Isaac Newton, the scientist who invented the Newtonian telescope, and an explanation of how light travels through the optical path. PLUS, enjoy a free Starry Night Special edition software download to teach your little one about the Universe (details on download code insert card included with your telescope).

NOTE: Always ensure the side panel is attached to the telescope while observing to prevent unwanted light from interfering with the image. Always use with adult supervision

SPECIFICATIONS:

OPTICAL TUBE INFO:

Optical Design: Newtonian Reflector

Aperture: 50mm (1.97")

Focal Length: 200mm (7.87")

Focal Ratio: f/4

Focal Length of Eyepiece 1: 10mm (0.39")

Magnification of Eyepiece 1: 20x

Optical Tube: Plastic

Highest Useful Magnification: 20x

Lowest Useful Magnification:	20x
Optical Coatings:	No coatings
Optical Tube Length:	211.14mm (8.31")
Optical Tube Diameter:	TBD
Optical Tube Weight:	8.96 oz (254 g)

MOUNT INFO:

Mount Type:	Easy carry, combo tripod and mount, 1/4-20 threaded post and ball joint
Tripod Leg Diameter:	10mm (.393")
Accessory Tray:	No
Tripod Weight:	7 oz (198.44 g)
Slew Speeds:	Manual
Software:	Celestron Starry Night Basic Edition Software and SkyPortal App

Included Items:

Optical tube
Easy assemble mount/tripod
10mm eyepiece
Removable outer panel to reveal internal mirrors
Celestron Starry Night Special Edition Software

Solar Warning

- Never look directly at the Sun with the naked eye or with an optic (unless you have the proper solar filter). Permanent and irreversible eye damage may result.
- Never use your optic to project an image of the Sun onto any surface. Internal heat build-up can damage the optic and any accessories attached to it.
- Never leave your optic unsupervised. Make sure an adult who is familiar with the correct operating procedures is with your optic at all times, especially when children are present.