







Built for the Way People Learn

Newton is designed for spaces that transition naturally between instruction, collaboration, and everyday use, pairing adaptable functionality and durable materials within a warm, inviting design language.

With solutions for students, instructors, and communal learning spaces, the collection supports connection and communication throughout the day.

Designed by Joey Ruiter in collaboration with SurfaceWorks



Made to Move

Newton Student Tables are designed to support the everyday movement of the classroom, with caster options available across both Post Leg and T-Leg styles.

For more flexibility, Flip-Top T-Leg models make it easier to transition between activities and store tables efficiently when the room needs to do more.





Where Learning Takes Shape

Newton Student Tables bring a softer, more welcoming presence to the classroom while supporting the everyday needs of focused work, discussion, and small-group learning.

With approachable forms, flexible design options, and a durable urethane edge built to handle the wear of active learning spaces, they help create classrooms that feel intuitive, comfortable, and more inviting.





Leading the Learning Space

Newton Teacher Tables are designed to support the flow of instruction with thoughtful solutions for teaching, presenting, and staying organized throughout the day.

From an accessory rich desk format to the mobile height-adjustable Teacher's Pet lectern, these pieces give instructors flexible ways to guide learning and stay connected to the room.



Move with the Lesson

The Teacher's Pet supports a more active, connected approach to teaching with a mobile, height-adjustable design that moves easily throughout the room on integrated casters.

Undermounted storage keeps teaching materials within reach, while a bag hook and urethane cupholder provide dedicated places for everyday essentials. An in-surface urethane tray keeps devices upright and ready at a glance, helping instructors stay focused on the room.

Collaboration Comes Naturally

Newton Collaborative Tables support the kinds of spaces where discussion, teamwork, and shared learning happen naturally. Softer shapes and urethane edges add comfort, durability, and color, encouraging a more informal, come-and-go style of interaction.

An optional footer bar continues the inviting character of the table while adding comfort for longer group work.









Cafés, Commons, and Connections

Newton Accent Tables introduce the collection into commons and shared spaces, creating natural places to meet, pause, and connect throughout the day.

Thoughtful options for power, height adjustability, and urethane edges add design flexibility that embraces their approachable nature.





Right for the Room

Newton Storage and Casegoods add organization, accessibility, and a more complete feel to classrooms, commons, and multi-use spaces. Benches, credenzas, consoles, and towers support both personal storage and shared resources.

Mix-and-match pull colors add personality, support wayfinding, or carry color through the room, while optional coded locks provide added security for personal storage.

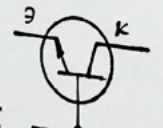




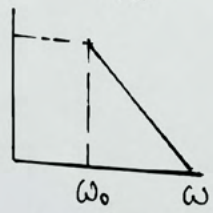
$$K_V = \frac{\Delta U_{\text{вых}}}{\Delta U_{\text{вх}}};$$

$$K_I = \frac{\Delta U_{\text{вых}}}{\Delta I_{\text{вх}}};$$

$$K_P = \frac{\Delta P_{\text{вых}}}{\Delta P_{\text{вх}}};$$



$$r_{\text{кз}} = \Delta U_{\text{к}} / \Delta I_{\text{к}}$$

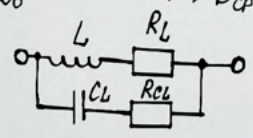


$$K_0 = -\frac{R_1}{R_2}; \quad \omega_0 = \frac{1}{R_1 C};$$

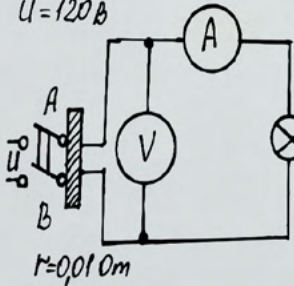
$$W(p) = \frac{K_0 \cdot \omega_0}{p + \omega_0}; \quad L_0 = f(\ln / D_{\text{ср}});$$

$$L_0 = L_1 + L_2 + \dots + L_n$$

$$L = L_0 W^2 D \cdot 10^{-3}, \text{ мкгн}$$



$$U = 120 \text{ В}$$

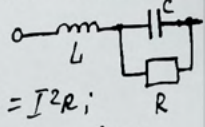


$$I = \frac{U}{r_n} = \frac{120}{240} = 0,5 \text{ а};$$

$$P = IU = 8 \cdot 200 = 1760 \text{ Вт} =$$

$$= 17,6 \text{ кВт} = 1,76 \text{ МВт};$$

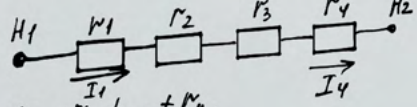
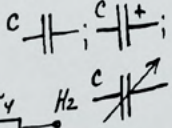
$$f = Pt = 25 \cdot 24 = 600 \text{ Вт};$$



$$P = \frac{A}{t}; \quad f = Pt; \quad P = UI; \quad P = \frac{I^2 R t}{t} = I^2 R;$$

$$P = I^2 R;$$

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$$R = R_1 + R_2 + R_3 + \dots + R_n.$$



Ideas in Motion

The Newton Connection Cart bring added flexibility to learning spaces with a mobile surface for writing, pinning, and sharing. Available as a markerboard with an additional tackable surface, it helps ideas stay visible as learning moves around the room.



Collection Overview

Student Tables

29" Seated Height | Fixed T-Leg, Flip-Top T-Leg & Post Leg

Rectangle, Soft Rectangle | 18"D – 30"D × 32"W – 96"W



29" Seated Height | Post Leg

Square, Soft Square, Soft Triangle | 42"W – 48"W



Collaborative Tables

36" Counter Height & 42" Standing Height | Optional Footerbar

Rectangle, Soft Rectangle | 36"D × 60"W – 96"W



Accent Tables

29" Seated & 42" Standing Height | Fixed or Height Adjustable

Square, Soft Square, Round | 24"W – 36"W



Casegoods

19"H Cubby with Cushion, 19"H Credenza & 36"H Teacher Console

17"D × 32"W – 72"W



Tower Storage

10 Door or 2 Door Locker

75"H × 17"D × 24"W | Locks or Pulls



Teacher Desk

29" Seated Height | Fixed T-Leg

Rectangle, Soft Rectangle | 24"D × 48"W & 60"W



Teacher Lectern

Height Adjustable 27" – 44"

Rectangle, Soft Rectangle | 18"D × 32"W



Connection Cart

Markerboard | Optional Tackable PET

75"H × 40"W

