

Configuration of Primary Science

Item	Experimental Name	Experiment Equipment	
		Sensor Module	Accessories
1	Secret of burning	S1005 DO-O ₂ sensor S1007 CO ₂ sensor	TP2018 Photosynthesis Experimental Chamber
2	Photosynthesis	S1005 DO-O ₂ sensor S1007 CO ₂ sensor	TP2018 Photosynthesis Experimental Chamber
3	Law of pendulum motion	S0016 Photogate sensor	TP4007 Motion law of pendulum Demonstrator
4	Simple circuit	S0005 Current sensor	Electrical Magic Module
5	Converging effect of Convex lens	S0009 Temperature sensor	TP2039 Convex Lens Focusing Device
6	Leverage	S0014 Force sensor	TP4018 Leverage
7	influence of force on the shape of object	S0014 Force sensor	P2060 Miniature Material Tester
8	Conductors and Insulators	/	TP4009 Conductors and Insulators
9	The vsble Sound	S0021 Sound sensor	TP2038 Experimental kit for three elements of sound
10	Volume and tone of sound	S0021 Sound sensor	TP2038 Experimental kit for three elements of sound
11	Conductivity of glass	S0006 Micro current sensor	TP2010 Glass Electric Conductor
12	Friction force	S0014 Force sensor	TP4006 Friction Experimental Device
13	Solar cell	S0007 Milli curent sensor	TP2037 Solar Cell Experimental Apparatus
14	What's the temperature	S0009 Temperature sensor	/
15	Measure the oxygen content in the water	S1005 DO-O ₂ sensor	/
16	Test your heartbeat	S1024 Heart rate sensor	/
17	Turbidity of water	ZC1010 Turbidimeter	/
18	Have an Electrocardiograph test	S1011 EKG sensor	/
19	Measure the envronmental humidity	S1008 Humidity sensor	/
20	Measure the light intensity	S0019 Light sensor	/
21	Explore the power of compressed air	S0024 Absolute pressure sensor	/
22	Measure the atmospheric pressure	S0024 Absolute pressure sensor	/
23	pH of different substances	S1002 pH sensor	/
24	Fruit battery	S0007 Milli current sensor	/
25	Measure the wind speed	ZC0031 Wind speed sensor	/
We have more...			

Configuration of Junior High Science

Item	Experimental Name	Experiment Equipment	
		Sensor Module	Accessories
1	Velocity of Objects	Phologate Sensor	Apparatus for Cart in Motion
2	Characteristics of Spring Elongation	Force Sensor, Split Motion Sensor	Apparatus for Hooke's Law
3	Mass and Gravity	Force Sensor	/
4	Action and Reaction	Force Sensor	Apparatus for Newton's Third Law
5	Friction	/	Apparatus for Frictional Force
6	Factors Affecting Buoyancy	Force sensor	/
7	Buoyancy Law	Force sensor	Apparatus for Buoyancy Law
8	Characteristics of Solid Melting	Temperature Sensor	Apparatus for Temperature Change Rule of Solid Melting
9	Water Solidification and ice Melting	Temperature Sensor	Apparatus for Water Solidification and Ice Melting
10	Water Boiling	Temperature Sensor	Apparatus for Water Boiling
11	Boiling Point and Pressure	Temperature Sensor Absolute Pressure Sensor	Apparatus for Boiling Point and Pressure
12	Thermal Effect of Infrared Ray	Temperature Sensor	Apparatus for Thermal Effect of Infrared Ray
13	Heat Absorption of Substances	Temperature Sensor	Apparatus for Heat Absorption (Dissipation) of Liquids
14	Heat by Friction	Temperature Sensor	Apparatus for Work Done by Friction
15	Work Done by Compressing Gas	Quick Temperature Sensor	Apparatus for Work Done by Compressing Gas
16	Internal Pressure of Liquids	Relative Pressure Sensor	Apparatus for Internal Pressure of Liquids
17	Fluid Pressure and Flow Velocity	Relative Pressure Sensor	Apparatus for Fluid Pressure
18	Phologate Sensor	Current Sensor	/
19	Measure the environmental humidity	Current Sensor	/
20	Measure the light intensity	Voltage Sensor	/
21	Explore the power of compressed air	Current Sensor	Apparatus for the law of Resistance II
22	Measure the atmospheric pressure	Voltage Sensor, Current Sensor	/
23	pH of different substances	Voltage Sensor, Current Sensor	/
24	Fruit battery	Voltage Sensor, Current Sensor	/
25	Measure the wind speed	Temperature Sensor	Apparatus for Joule's Law
We have more...			

Configuration of Senior High Science

Item	Experimental Name	Experiment Equipment	
		Sensor Module	Accessories
1	Measuring velocity using sensors	Motion Sensor	Car Track
2	Velocity Changing Regulation	Motion Sensor	Car Track
3	Free Fall	/	2D Free-Fall Apparatus
4	Hooke's Law	Force Sensor, Split Motion Sensor	Hooke's Law Demonstrator
5	Composition & Resolution of Force	Dipmeter(wireless)	Vector Force Panel
6	Force, Mass & Acceleration	Photogate	Car Track
7	Newton's Third Law	Force Sensor	Newton's Third Law Demonstrator
8	Momentum	Force Sensor	Car Track
9	Ohm's Law	Voltage, Current Sensor	Ohm's Law
10	VA characteristics of conductor	Voltage, Current Sensor	VA characteristics of conductor
11	Joule's Law	Temperature Sensor	Joule's Law Demonstrator
12	Factors Affect Resistance	Voltage, Current Sensor	Ohm's Law Demonstrator II
13	Ampere Force	High-Accuracy MF Sensor	Ampere Force Demonstrator
14	Car Collision	/	Digital Photoelectric Track
15	Momentum	/	Momentum Demonstrator
16	Hall Effect	/	Hall Effect Demonstrator
17	Boyle's Law	Pressure Sensor	Boyle's Law Demonstrator
18	VA Characteristics of Small Bulb	Voltage, Current Sensor	Self Setup
19	Charging & Discharging for Capacitor	Voltage, MC Sensor	Charging & Discharging for Capacitor
20	Uniform Magnetic Field	Magnetic Induction Intensity Sensor	Solenoid
21	Induced Current	Voltage Sensor	GM Generator
22	GM Generating	Voltage Sensor	GM Generator
23	Photoelectric Effect	/	Photoelectric Effect Demonstrator
24	Crystal Diode AND Gate	Voltage Sensor	Logic Gates
25	Crystal Diode OR Gate	Voltage Sensor	Logic Gates
We have more...			