



REDDOT JV CREATIVE LABS Witness

**PROJECT:** Mass Production and Supply of Science and Mathematics Equipment Packages to Public Elementary for Grades 1 to 3 & Grades 4 to 6, Public Junior High School for Grades 7 to 10 and Public Senior High School for Grades 11 to 12 (Core and Stem)

**CONTRACT NO.:** 2021-BLR4(001to006)-BV-CB-009-CRS

**CONTRACT AGREEMENT**

**AUG 31 2021**

**THIS AGREEMENT** made and entered into this \_\_\_\_ day of \_\_\_\_\_ 2021 by and between **DEPARTMENT OF EDUCATION**, located at DepEd Complex, Meralco Avenue, Pasig City, Philippines, represented herein by its Secretary, **LEONOR MAGTOLIS BRIONES**, as per Department Order No. 023, s. 2021 (hereinafter referred to as "DEPED"); and **REDDOT IMAGING PHILIPPINES, INC. IN JOINT VENTURE WITH CREATIVE LABS BERLIN GMBH CORP.** represented herein by its Authorized Representative, **JOAN A. ONGONION**, with office address at 1817-25 España corner Prudencio Street, Sampaloc, Manila, Metro Manila, Philippines (hereinafter referred to as "REDDOT JV CREATIVE LABS").

DEPED and REDDOT JV CREATIVE LABS are collectively called "PARTIES."

**WHEREAS**, DEPED invited bids for the mass production and supply of Science and Mathematics Equipment Packages consisting of sixteen (16) Lots and received bids from eight (8) bidders; DEPED opened, read, and evaluated the bids of the eight (8) bidders and declared REDDOT JV CREATIVE LABS as having the lowest calculated bid for Lot No. 1; after evaluation, DEPED post-qualified and declared the bid of REDDOT JV CREATIVE LABS as the lowest calculated responsive bid for Lot No. 1 in the sum of **PHILIPPINE PESOS ONE HUNDRED SIXTY-NINE MILLION, NINETY-TWO THOUSAND, NINE HUNDRED SIXTY and 45/100 (PhP 169,092,960.45) ONLY**, (hereinafter called the "Contract Price") detailed as follows:

Lot No.	Description	Amount (PhP)
1	DEVELOPED BASIC SCIKIT (MP-LOT 1)	169,092,960.45

**NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:**

- In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

ORIGINAL SIGNED  
 CERTIFIED DUPLICATE COPY  
 CMDCDC-2021C125-009

LEONOR MAGTOLIS BRIONES  
 Department of Education

ARIZ DELSON ACAY D. CAWILAN  
 DEPED's Witness

JOAN A. ONGONION  
 REDDOT JV CREATIVE LABS

JEWELYN G. BULICANTE  
 REDDOT JV CREATIVE LABS Witness

  
JEMELYN G. QUIÑENTE  
REDDOT JV CREATIVE LABS' Witness

  
JOAN A. MONGONION  
REDDOT JV CREATIVE LABS

  
ARIZ BENSON  
DEPED's Witness

  
LEONOR MAGTOLIS BRIONES  
Department of Education

2. The following documents as required by the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, viz:
  - i. Philippine Bidding Documents (PBD);
    - a. Schedule of Requirements;
    - b. Technical Specifications;
    - c. General and Special Conditions of the Contract;
    - d. Bid Bulletin No. 1 dated June 1, 2021;
    - e. Bid Bulletin No. 2 dated June 4, 2021;
    - f. Bid Bulletin No. 3 dated June 9, 2021; and
    - g. Bid Bulletin No. 4 dated June 15, 2021.
  - ii. REDDOT JV CREATIVE LABS' bid, including the Eligibility Requirements, Technical and Financial Proposals, and all other documents or statements submitted;
  - iii. Performance Security;
  - iv. Notice of Award of Contract and REDDOT JV CREATIVE LABS' conforme thereto; and
  - v. Other contract documents required by existing laws and/or DepEd in the PBD. REDDOT JV CREATIVE LABS agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Order, and Warranty Security, shall form part of the Contract.
3. The goods supplied by REDDOT JV CREATIVE LABS under this Contract shall be picked-up or hauled by the third-party logistics provider designated by DEPED. Risk and title to the goods shall pass from REDDOT JV CREATIVE LABS to DEPED upon receipt and final acceptance at REDDOT JV CREATIVE LABS' warehouse. However, assembly, installation, start-up and/or commissioning of items, in cases where they are necessary, shall remain to be the responsibility and for the account of REDDOT JV CREATIVE LABS notwithstanding inspection and acceptance at its warehouse or premises.
4. The goods shall be ready for pick-up or hauling by the third party logistics within one hundred fifty-four (154) calendar days from receipt of REDDOT JV CREATIVE LABS of the Notice to Proceed.
5. REDDOT JV CREATIVE LABS shall post a Performance Security within ten (10) calendar days from receipt of the Notice of Award in the form and amount prescribed therein. The performance security shall be posted in favor of DEPED, and shall be forfeited in the event it is established that REDDOT JV CREATIVE LABS is in default of any of its obligation under this contract. REDDOT JV

**CREATIVE LABS** shall be responsible for the extension of its performance security and/or undertake to renew its performance security whenever necessary, and without need of prior notice or instruction from the **DEPED**, to ensure that it is in force and effect for the whole duration of the contract and until a Certificate of Final Acceptance is duly issued.

6. The goods supplied under this Contract should conform to and comply with the standards mentioned in Section VI. Schedule of Requirements of the Bidding Documents, as amended by Bid Bulletin Nos. 1, 2, 3 and 4 dated June 1, 2021, June 4, 2021, June 9, 2021 and June 15, 2021, respectively, and must be in accordance with the technical specifications, a copy of which is hereto attached as Annex "A" and made an integral part hereof. Any proposal to deliver items of equivalent, higher or superior technical specifications, in lieu of those of the approved bids or samples shall be discretionary to **DEPED** and is subject to the evaluation and recommendation of the end-user or implementing units and the approval of the herein authorized representative and signatory.
7. Goods with defects or non-compliant with the required specifications during pre-delivery inspection shall be replaced immediately by **REDDOT JV CREATIVE LABS**, and replacement items shall be subjected to re-inspection. Goods with defects or non-compliant with the required specifications upon delivery shall be rejected by **DEPED** and replaced by **REDDOT JV CREATIVE LABS** in accordance with the warranty provisions in the bidding documents. **DEPED** shall have the option to inspect **REDDOT JV CREATIVE LABS'** premises covered by the Contract, at any time or stage of contract implementation, to monitor and assess **REDDOT JV CREATIVE LABS'** capacity to discharge its contractual obligations.
8. The procured goods or items contemplated under this Contract shall be inspected by **DEPED** Inspectorate Team prior to pick-up or hauling from **REDDOT JV CREATIVE LABS'** warehouse in accordance with the provisions of the Special Conditions of the Contract, the Schedule of Requirements, or otherwise indicated in other parts of the bidding documents.
9. In case **REDDOT JV CREATIVE LABS** encounters condition(s) impeding timely delivery of the goods, **REDDOT JV CREATIVE LABS** shall promptly notify **DEPED** Procurement Management Service-Contract Management Division (ProcMS-CMD) in writing of such condition(s). As a rule and on account of the emergency nature of this project, no work suspensions and/or contract delivery period extension shall be allowed.
10. The Contract Price shall be paid to **REDDOT JV CREATIVE LABS** in accordance with the following disbursement procedures:
  - 10.1. An advance payment not to exceed fifteen percent (15%) of the Contract Price shall be allowed and paid within sixty (60) calendar days from

  
**JANEVIN G. CALLENTE**  
REDDOT JV CREATIVE LABS' Witness

  
**JOAN A. ONGONION**  
REDDOT JV CREATIVE LABS

  
**ARIZ DELSON ACAY D. CAWILAN**  
DEPED's Witness

  
**LEONOR MAGTOLIS BRIONES**  
Department of Education

signing of the contract. An irrevocable Letter of Credit or Bank Guarantee of an equivalent amount must be submitted, and shall remain valid until the goods are delivered, and accompanied by a claim for advance payment.

10.2. **REDDOT JV CREATIVE LABS** may submit a request for payment based on Progress Reports which shall be attached to the progress billing and include the following: (i) cumulative quantities of items delivered based on the schedule of deliveries and other relevant terms and conditions of the Contract; (ii) Inspection and Acceptance Reports (IARs), including certification by **REDDOT JV CREATIVE LABS**, duly signed and dated by the authorized representative of the **DEPED** indicating that the items have been delivered in accordance with the Contract. Other documents in support of a request for payment may be prescribed by **DEPED** pursuant to existing disbursement, accounting and auditing rules and procedures.

10.3. Subject to the recoupment of the advance payment contemplated in Clause 10.1. above, and retention contemplated in the immediately succeeding clause, payment shall be made to **REDDOT JV CREATIVE LABS** within sixty (60) days from submission of the documents specified in SCC Clause 2.2 and other documents as may be prescribed by **DEPED**, in the following manner:

10.3.1. For the initial progress payment, a minimum of twenty-five percent (25%) of the Contract Price shall be paid to **REDDOT JV CREATIVE LABS** upon a minimum of twenty-five percent (25%) delivery and acceptance of the items by **DEPED's** authorized representative;

10.3.2. Final payment shall constitute release of the retention money in case of expiry of the warranty period, or whatever is left of it, after it has been called for use under the warranty provision.

11. Payments shall be subject to the "Warranty" provision in the form of either retention money in an amount equivalent to three percent (3%) of every progress payment or a Special Bank Guarantee in the amount equal to three percent (3%) of the Contract Price required under Section 62 of R.A. 9184 and its revised IRR.

11.1. The warranty period of one year, for applicable items as specified in Annex "J" of the bidding documents, shall reckon from the date of issuance of Certificate of Final Acceptance by **DEPED**.

12. **REDDOT JV CREATIVE LABS** shall be liable for liquidated damages for the delay in its performance in an amount equal to one-tenth (1/10) of one percent (1%) of the cost of the delayed goods scheduled for delivery, for every day of

  
**GENERAL G. QUIÑE**  
REDDOT JV CREATIVE LABS' Witness

  
**JOAN A. BONGONION**  
REDDOT JV CREATIVE LABS

  
**ARIZ DELSON ACAY D. CAWILAN**  
DEPED's Witness


  
**LEONOR MAGTOLIS BRIONES**  
Department of Education

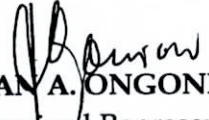
delay until such goods are finally delivered and accepted by **DEPED**. **DEPED** shall deduct the liquidated damages from any money due or which may become due to **REDDOT JV CREATIVE LABS**, or collect from any of the securities or warranties posted by **REDDOT JV CREATIVE LABS**, whichever is convenient to **DEPED**. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the Contract Price, **DEPED** may rescind or terminate the Contract, without prejudice to other courses of action and remedies available under the circumstances.

13. The **PARTIES** shall make every effort to resolve amicably and by mutual consultation any and all disputes or differences arising between the Parties in connection with the implementation of the Agreement. Should such dispute not be resolved amicably, it shall be submitted to arbitration in the Philippines according to the provisions of Presidential Decree No. 242 and Executive Order No. 292. Provided, however, that by mutual agreement, the Parties may agree in writing to resort to other alternative modes of dispute resolution.


**IN WITNESS WHEREOF**, the Parties hereto have caused this Agreement to be executed in accordance with governing laws on the day and year first above written.

SIGNED, SEALED AND DELIVERED BY:

  
**LEONOR MAGTOLIS BRIONES**  
Secretary  
Department of Education

  
**JOAN A. ONGONION**  
Authorized Representative  
REDDOT JV CREATIVE LABS

SIGNED IN THE PRESENCE OF:

  
**ARIZ DELSON ACAY D. CAWILAN**  
DEPED's Witness

  
**JENELYN G. QUIÑENTE**  
REDDOT JV CREATIVE LABS' Witness

CERTIFIED FUNDS AVAILABLE: ₱169,092,960.45

  
**R.A. RHUNNA L. CATALAN**

Chief Accountant  
Chief Accountant

8.26.2021  
**ORIGINAL SIGNED** 5  
**CERTIFIED DUPLICATE COPY**  
CMDCDC-2021C125-009

  
JENELYN G. QUIÑENTE  
REDDOT JV CREATIVE LABS' Witness

  
JOAN A. ONGONION  
REDDOT JV CREATIVE LABS

  
ARIZ DELSON ACAY D. CAWILAN  
DEPED's Witness

  
LEONOR MAGTOLIS BRIONES  
Department of Education

REPUBLIC OF THE PHILIPPINES)  
\_\_\_\_\_, METRO MANILA) S.S

MANILA

**ACKNOWLEDGMENT**

MANILA

**BEFORE ME**, a Notary Public in and for \_\_\_\_\_, Philippines,  
this \_\_\_\_ day of \_\_\_\_\_ 2021 personally appeared:  
**AUG 31 2021**

**NAME**

**GOVERNMENT ISSUED ID**  
(Number, Issued On, Issued By)

**LEONOR MAGTOLIS BRIONES**  
Department of Education

**JOAN A. ONGONION**  
REDDOT JV CREATIVE LABS

Known to me and to me known to be the same persons who executed the foregoing instrument and acknowledge to me that the same is the free and voluntary act and deed of the entities which they respectively represent.

The foregoing instrument is a CONTRACT consisting of six (6) pages (exclusive of attachments), including this page on which this acknowledgment is written and signed by the parties hereto and their instrument witness on the left-hand margin of each and every page hereof.

WITNESS MY HAND AND SEAL on the date and place first above written.

Doc. No. 423  
Page No. 85  
Book No. XXX  
Series of 2021.

**NOTARY PUBLIC**

**ATTY. JOHN EDWARD TRINIDAD ANG**

Notary Public for the City of Manila-Valid 12/31/2021  
Notarial Commission No. 2021-033

2/F Midland Plaza Hotel, Aonanco st., Ermita, Mla.

IBP. No. 134858 / Dec. 13, 2020 / Pasig City

PTR No. RA21951 / Jan. 3, 2021 at Manila

Roll No. 68731 MCLE Compliance No. VI-0017186-Jan.24,2019

*Ariz Delson Acay D. Cawilan*  
ARIZ DELSON ACAY D. CAWILAN  
DEPED's Witness

*Leonor Magtolis Briones*  
LEONOR MAGTOLIS BRIONES  
Department of Education

*Joan A. Ongonion*  
JOAN A. ONGONION  
REDDOT JV CREATIVE LABS

*Leonor Magtolis Briones*  
LEONOR MAGTOLIS BRIONES  
Department of Education

*Ariz Delson Acay D. Cawilan*  
ARIZ DELSON ACAY D. CAWILAN  
DEPED's Witness

*Leonor Magtolis Briones*  
LEONOR MAGTOLIS BRIONES  
Department of Education

8-24-2021  
**ORIGINAL SIGNED** 6  
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**Annex "A"**

**Lot No. 1. DEVELOPED BASIC SCIKIT**

Item No.	Description	Technical Specifications
1	BLR-developed Basic Scikit: Ø 9.5mm x 250mm long Stand Rod  Quantity: 48,710	<b>Functional Specifications:</b> used to interconnect stand base to stand supports; used for suspending pulleys, meter tapes <b>Performance Specifications:</b> should effectively interconnect stand base-stand support systems; suspend single pulleys, meter tapes <b>Design Specifications:</b> please see technical drawing
2	BLR-developed Basic Scikit: Ø 9.5mm x 500mm long Stand Rod  Quantity: 97,420	<b>Functional Specifications:</b> used to interconnect stand base to stand supports in heavier setups <b>Performance Specifications:</b> should effectively interconnect stand base-stand support systems in heavier setups <b>Design Specifications:</b> please see technical drawing
3	BLR-developed Basic Scikit: Ø 12.7mm x 1000mm long Stand Rod  Quantity: 14,940	<b>Functional Specifications:</b> used as vertical support for free fall setup; horizontal support for suspending multiple pulley systems <b>Performance Specifications:</b> should be able to support vertically free fall setup; horizontal support for suspending multiple pulley systems <b>Design Specifications:</b> please see technical drawing
4	BLR-developed Basic Scikit: Rail  Quantity: 29,880	<b>Functional Specifications:</b> used as path rail for motorized and dynamics carts <b>Performance Specifications:</b> should be able to serve as path rail for motorized and dynamics carts <b>Design Specifications:</b> please see technical drawing
5	BLR-developed Basic Scikit: Ring with stem  Quantity: 24,355	<b>Functional Specifications:</b> used to support glasswares in heating activities <b>Performance Specifications:</b> should be stable in supporting glasswares <b>Design Specifications:</b> please see technical drawing
6	BLR-developed Basic Scikit: Test Tube Rack  Quantity: 24,355	<b>Functional Specifications:</b> used for resting racks for test tubes both for specimen viewing and storage <b>Performance Specifications:</b> should be able to

		keep test tubes in place, used for resting racks for test tubes both for specimen viewing and storage <b>Design Specifications:</b> please see technical drawing
7	BLR-developed Basic Scikit: Wire Gauze  Quantity: 24,355	<b>Functional Specifications:</b> used to diffuse open flame in activities that involve heating <b>Performance Specifications:</b> should be able to diffuse open flame in activities that involve heating <b>Design Specifications:</b> please see technical drawing
8	BLR-developed SCIKIT BASIC 001: Stand Base  Quantity: 48,710	<b>Functional Specifications:</b> used as base support of activity equipment setups <b>Performance Specifications:</b> should be stable in supporting equipment setups <b>Design Specifications:</b> please see technical drawing
9	BLR-developed SCIKIT BASIC 001: Stand Support  Quantity: 97,420	<b>Functional Specifications:</b> used to support stand base assembly <b>Performance Specifications:</b> should provide sturdy support for stand base assembly <b>Design Specifications:</b> please see technical drawing
10	BLR-developed SCIKIT BASIC 001: SCIKIT BASIC Storage Case 001 (With Cover and Base Sheathing)  Quantity: 4,871	<b>Functional Specifications:</b> used as storage for stand bases <b>Performance Specifications:</b> should be able to store free fall apparatus set components <b>Design Specifications:</b> please see technical drawing
11	BLR-developed SCIKIT BASIC 002: Multiclamp  Quantity: 121,775	<b>Functional Specifications:</b> used as for interconnecting rods perpendicularly <b>Performance Specifications:</b> should be sturdy in interconnecting rods <b>Design Specifications:</b> please see technical drawing
12	BLR-developed SCIKIT BASIC 002: Test Tube Holder  Quantity: 24,355	<b>Functional Specifications:</b> is used for holding heated test tubes <b>Performance Specifications:</b> should be stable in holding heated test tubes <b>Design Specifications:</b> please see technical drawing
13	BLR-developed SCIKIT BASIC 002: SCIKIT BASIC Storage Case 002 (With	<b>Functional Specifications:</b> Used as storage of multiclamps and test tube holders <b>Performance Specifications:</b> should be able to



	Cover and Base Sheathing) Quantity: 4,871	store 25 pieces multiclamp and 5 pieces test tube holders <b>Design Specifications:</b> please see technical drawing
14	BLR-developed SCIKIT BASIC 003: Universal Clamp Quantity: 58,452	<b>Functional Specifications:</b> is used for securing heated beakers and flasks in place <b>Performance Specifications:</b> should be stable in holding heated glasswares <b>Design Specifications:</b> please see technical drawing
15	BLR-developed SCIKIT BASIC 003: Universal Bosshead Quantity: 48,710	<b>Functional Specifications:</b> for interconnecting rods to increase overall length as activity requirement; can also be used to perpedicularly interconnect rods for lighter loads <b>Performance Specifications:</b> should be sturdy in interconnecting rods <b>Design Specifications:</b> please see technical drawing
16	BLR-developed SCIKIT BASIC 003: SCIKIT BASIC Storage Case 003 (With Cover and Base Sheathing) Quantity: 4,871	<b>Functional Specifications:</b> used as storage for clamps and bossheads <b>Performance Specifications:</b> should be able to store 12 pieces universal clamp and 10 universal bosshead <b>Design Specifications:</b> please see technical drawing
17	BLR-developed Free Fall Apparatus (Mechanics 001): Ball Case (with Cover and foam) Quantity: 11,730	<b>Functional Specifications:</b> used storage case for the metal balls and metal embedded plastic ball <b>Design Specifications:</b> please see technical drawing
18	BLR-developed Free Fall Apparatus (Mechanics 001): Digital Timer Assembly (Digital Stopwatch) Quantity: 11,730	<b>Functional Specifications:</b> used to determine time of fall of metal balls or metal embedded plastic ball in free fall activity <b>Performance Specifications:</b> should be able to determine time of fall of metal balls or metal embedded plastic ball in free fall activity <b>Design Specifications:</b> please see technical drawing
19	BLR-developed Free Fall Apparatus (Mechanics 001): Metertape with hooks and plastic pointer Quantity: 11,730	<b>Functional Specifications:</b> used to measure the height of fall of falling objects in free fall activity <b>Performance Specifications:</b> should be able to measure the height of fall of falling objects in free fall activity

		<b>Design Specifications:</b> please see technical drawing
20	BLR-developed Free Fall Apparatus (Mechanics 001): Ø 12.7mm Steel Spherical Ball  Quantity: 23,460	<b>Functional Specifications:</b> used as free fall object in free fall activity <b>Design Specifications:</b> please see technical drawing
21	BLR-developed Free Fall Apparatus (Mechanics 001): Ø 25mm Plastic Spherical Ball with metal screw  Quantity: 23,460	<b>Functional Specifications:</b> used as free fall object in free fall activity <b>Design Specifications:</b> please see technical drawing
22	BLR-developed Free Fall Apparatus (Mechanics 001): Ø 25mm Steel Spherical Ball  Quantity: 23,460	<b>Functional Specifications:</b> used as free fall object in free fall activity <b>Design Specifications:</b> please see technical drawing
23	BLR-developed Free Fall Apparatus (Mechanics 001): Pad Switch Assembly  Quantity: 11,730	<b>Functional Specifications:</b> used as second switch to stop the stopwatch in free fall activity <b>Performance Specifications:</b> should be able to stop the stopwatch in free fall activity <b>Design Specifications:</b> please see technical drawing
24	BLR-developed Free Fall Apparatus (Mechanics 001): Solenoid Assembly  Quantity: 11,730	<b>Functional Specifications:</b> used as electromagnet to temporarily suspend the metal balls or the metal imbedded plastic ball in free fall activity <b>Performance Specifications:</b> should be able to provide electromagnetism to temporarily suspend the metal balls or the metal imbedded plastic ball in free fall activity <b>Design Specifications:</b> please see technical drawing
25	BLR-developed Free Fall Apparatus (Mechanics 001): Synchro Box Assembly  Quantity: 11,730	<b>Functional Specifications:</b> used to simultaneously start the stopwatch and cut-off current to the solenoid <b>Performance Specifications:</b> should be able to simultaneously start the stopwatch and cut-off current to the solenoid <b>Design Specifications:</b> please see technical drawing

26	BLR-developed Free Fall Apparatus (Mechanics 001): SCIKIT MECHANICS Storage Case 001 (With Cover and Base Sheathing)  Quantity: 11,730	<b>Functional Specifications:</b> used as storage case for free fall apparatus set <b>Design Specifications:</b> please see technical drawing
27	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cart-spring loaded  Quantity: 14,940	<b>Functional Specifications:</b> used as source of action force in Newton's 3rd law of Motion Experiment <b>Performance Specifications:</b> should be able to provide action force in Newton's 3rd law of Motion Experiment <b>Design Specifications:</b> please see technical drawing
28	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cart-with counterweight  Quantity: 14,940	<b>Functional Specifications:</b> used as source of reaction force in Newton's 3rd law of Motion Experiment <b>Performance Specifications:</b> should be able to provide reaction force in Newton's 3rd law of Motion Experiment <b>Design Specifications:</b> please see technical drawing
29	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cylindrical Mass, 50-gram  Quantity: 74,700	<b>Functional Specifications:</b> used for loading into each dynamics cart for newton's 2nd Law of Motion experiment <b>Performance Specifications:</b> should be able to load into each dynamics cart for newton's 2nd Law of Motion experiment <b>Design Specifications:</b> please see technical drawing
30	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Driving Mass, 3-gram  Quantity: 74,700	<b>Functional Specifications:</b> use to provide the 'net' force in newton's 2nd Law of Motion experiment <b>Performance Specifications:</b> should be able to provide the 'net' force in newton's 2nd Law of Motion experiment <b>Design Specifications:</b> please see technical drawing
31	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Leveling Pad Assembly	<b>Functional Specifications:</b> used as bottom support of rails <b>Performance Specifications:</b> should be able to support rails <b>Design Specifications:</b> please see technical drawing

	Quantity: 14,940	drawing
32	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Plastic Hammer  Quantity: 14,940	<b>Functional Specifications:</b> used to strike the push rod to release spring in spring-loaded dynamics cart <b>Performance Specifications:</b> should be able to make push rod release spring in spring-loaded dynamics cart <b>Design Specifications:</b> please see technical drawing
33	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Modelling Clay, 1 bar/set  Quantity: 14,940	<b>Functional Specifications:</b> used as storage case for dynamics carts and accessories set <b>Design Specifications:</b> please see technical drawing
34	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Stopper-Fork Assembly  Quantity: 14,940	<b>Functional Specifications:</b> used as low inertia string guide in Newton's 2nd Law of Motion Experiment <b>Performance Specifications:</b> should be able to provide low inertia string guide in Newton's 2nd Law of Motion Experiment <b>Design Specifications:</b> please see technical drawing
35	BLR-developed Dynamics Carts-Rail System (Mechanics 002): String (thin), 1 ball/set  Quantity: 14,940	<b>Functional Specifications:</b> used to transmit net force from weight of 3-gram driving mass to pull dynamics carts along rail <b>Performance Specifications:</b> should be able to transmit net force from weight of 3-gram driving mass to pull dynamics carts along rail <b>Design Specifications:</b> please see technical drawing
36	BLR-developed Dynamics Carts-Rail System (Mechanics 002): SCIKIT MECHANICS Storage Case 002 (With Cover and Base Sheathing)  Quantity: 14,940	<b>Functional Specifications:</b> used as storage case for Dynamics Carts-Rail System (Mechanics 002) and accessories <b>Performance Specifications:</b> must store the items for Dynamics Carts-Rail System Set <b>Design Specifications:</b> please see technical drawing
37	BLR-developed SCIKIT MECHANICS 003: 10-Newton Spring Balance  Quantity: 21,145	<b>Functional Specifications:</b> used to measure forces with magnitudes equivalent up to the weight of 1 kilogram mass <b>Performance Specifications:</b> should be able to measure forces with magnitudes equivalent up

		to the weight of 1 kilogram mass <b>Design Specifications:</b> please see technical drawing
38	BLR-developed SCIKIT MECHANICS 003: 250-gram Hooked Mass  Quantity: 42,290	<b>Functional Specifications:</b> used to provide 5 newton load in simple machines activity <b>Performance Specifications:</b> should be able to provide 5 newton load in simple machines activity <b>Design Specifications:</b> please see technical drawing
39	BLR-developed SCIKIT MECHANICS 003: 500-gram Hooked Mass  Quantity: 21,145	<b>Functional Specifications:</b> used to provide 2.5 newton load in simple machines activity <b>Performance Specifications:</b> should be able to provide 2.5 newton load in simple machines activity <b>Design Specifications:</b> please see technical drawing
40	BLR-developed SCIKIT MECHANICS 003: Axle and Lever Beam  Quantity: 21,145	<b>Functional Specifications:</b> used to demonstrate the lever principle <b>Performance Specifications:</b> should be able to demonstrate the lever principle <b>Design Specifications:</b> please see technical drawing
41	BLR-developed SCIKIT MECHANICS 003: Double Pulley  Quantity: 42,290	<b>Functional Specifications:</b> used to demonstrate efficiency of pulley combinations <b>Performance Specifications:</b> should be able to demonstrate efficiency of pulley combinations <b>Design Specifications:</b> please see technical drawing
42	BLR-developed SCIKIT MECHANICS 003: Dry Cell, AA 1.5V  Quantity: 23,460	<b>Functional Specifications:</b> used to provide DC power to motorized cart <b>Performance Specifications:</b> should be able to provide DC power to motorized cart <b>Design Specifications:</b> please see technical drawing
43	BLR-developed SCIKIT MECHANICS 003: Friction Block and Friction Board  Quantity: 9,750	<b>Design Specifications:</b> please see technical drawing
44	BLR-developed SCIKIT MECHANICS 003: Leveling Hose  Quantity: 11,730	<b>Functional Specifications:</b> used to check horizontal levelness of surfaces where the rail will be placed <b>Performance Specifications:</b> should be able to check horizontal levelness of surfaces where

		the rail will be placed <b>Design Specifications:</b> please see technical drawing
45	BLR-developed SCIKIT MECHANICS 003: Motorized Cart  Quantity: 11,730	<b>Functional Specifications:</b> used as constant speed object in uniform speed activity <b>Performance Specifications:</b> should be able to move with constant speed object in uniform speed activity <b>Design Specifications:</b> please see technical drawing
46	BLR-developed SCIKIT MECHANICS 003: Single Pulley  Quantity: 42,290	<b>Functional Specifications:</b> used to demonstrate that a pulley can function to change direction of force <b>Performance Specifications:</b> should be able to demonstrate that a pulley can function to change direction of force <b>Design Specifications:</b> please see technical drawing
47	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Spur Gear B  Quantity: 23,460	<b>Functional Specifications:</b> used to transmit torque to worm gear A <b>Performance Specifications:</b> should be able to walk downstairs at least 2 levels <b>Design Specifications:</b> please see technical drawing
48	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Spur Gear C  Quantity: 11,730	<b>Functional Specifications:</b> used to change torque direction of motor torque <b>Performance Specifications:</b> should be able to change torque direction of motor torque <b>Design Specifications:</b> please see technical drawing
49	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Worm Gear A  Quantity: 23,460	<b>Functional Specifications:</b> used to transmit torque to worm with axle <b>Performance Specifications:</b> should be able to transmit torque to worm with axle <b>Design Specifications:</b> please see technical drawing
50	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Worm with Axle  Quantity: 11,730	<b>Functional Specifications:</b> used to transmit power to motorized cart wheels <b>Performance Specifications:</b> should be able to transmit torque to motorized cart wheels <b>Design Specifications:</b> please see technical drawing
51	BLR-developed SCIKIT MECHANICS 003: String (thick), 1 ball/set	<b>Functional Specifications:</b> used to interconnect pulley combinations <b>Performance Specifications:</b> should be able to

	Quantity: 335	interconnect pulley combinations <b>Design Specifications:</b> please see technical drawing
52	BLR-developed SCIKIT MECHANICS 003: SCIKIT MECHANICS Storage Case 003 (With Cover and Base Sheathing)  Quantity: 21,145	<b>Functional Specifications:</b> used as storage case for motorized cart, pulley sets, lever assembly, leveling hoses, and spare parts <b>Design Specifications:</b> please see technical drawing
53	BLR-developed: User's Manual (SCIKIT BASIC)  Quantity: 4,871	<b>Functional Specifications:</b> used as reference guide on assembly of Scikit Basic items <b>Design Specifications:</b> please see technical drawing
54	BLR-developed: User's Manual (SCIKIT MECHANICS)  Quantity: 4,871	<b>Functional Specifications:</b> used as reference guide on assembly of mechanics items <b>Design Specifications:</b> please see technical drawing
55	BLR-developed: Experiment Module (SCIKIT MECHANICS)  Quantity: 4,871	<b>Functional Specifications:</b> used as guides to perform mechanics activities <b>Design Specifications:</b> please see technical drawing