PINNACLE SCHOLARS ACADEMY

Kalanki, Kathmandu

Proposal for Science Equipment Grant

Academy Premises Pictures & School Introduction Included



Introduction:

Pinnacle Scholars Academy (PSA) was established in 1998 AD (2055 B.S.) and is located at Kalanki 14, Kathmandu, Nepal. Pinnacle's mission is guided by its motto **"Dark onto Light"**. Numerous ethnic groups like Newar, Chhetri, Tamang, Gurung, Madhesi, and religious minorities like Christians, Muslims and others major inhabitants reside in this locality. Most residents of this region work in private as well as public workplaces. PSA offers educational programs from play group to grade 10. It provides education up to secondary level with minimum fee and optimum quality education with extracurricular activities and co curricular activities and provides multiple scholarship schemes for deserving students. PSA believes **"Co-operation, co-ordination & collaboration"** between all its stakeholders and community. Honesty and Loyalty deeply embedded in heart of PSA education. We encourage innovative learning through our academic and non-academic programs.

Pinnacle Scholars Academy cultivates excellence in every student by engaging them in rigorous and relevant learning opportunities that promotes academic, physical, social and emotional growth through integration of following 21st century skills in our educational practice.

- 1. Critical thinking
- 2. Communication and ICT skills
- 3. Creativity
- 4. Problem solving
- 5. Perseverance
- 6. Collaboration
- 7. Technology skills
- 8. Media literacy
- 9. Local & National Heritage
- 10. Global awareness
- 11. Self-direction
- 12. Social skills
- 13. Social responsibility
- 14. Innovation skills
- 15. Thinking skills



Students in the Morning Assembly

The school family consists of 42 teachers, 850 students and 35 management and support staff at PSA. Since its founding 25 years ago, the school management has been enhancing and upgrading quality in curriculum, pedagogy and teaching learning activities. The school management's aspiration to be a centre of excellence has seen thousands of successful graduates intellectually, physically, emotionally, socially and morally competent in their professional and personal areas. We have imparted perfect schooling that has helped them acquire life-skills, sound character and positive attitude to excel in their lives. As a result, students graduated from PSA have developed academic skills also learning beyond the text to solve contemporary issues and excel in a global world.

Pinnacle Scholars Academy believes that students can only receive a high quality education if we offer them practical learning environment. Learners, therefore, visit labs to where they can learn by doing which helps them retain concepts and gain hands on experience of the concepts in the books.

Social associations and collaboration of Pinnacle Scholars Academy

Pinnacle offers multiple scholarship facilities for students in multiple categories to make education inclusive and participatory to all social and cultural strata of the population in western Kathmandu. Also, we have been actively participating and supporting multiple social campaigns and organizations in areas of scholarships and social works. We feel proud to have been associated and collaborated with following social organizations and campaigns:

- 1. Little Sisters Fund (Education for Empowerment)
- 2. Lions Club of Kathmandu Vision
- 3. Nepal Women Welfare Forum
- 4. Senior Citizens Society Nepal / Jestha Nagarik Samaj
- 5. Kalanki Mandir Bikas Samiti
- 6. Nepal Lions Blood bank
- 7. Quest Nepal
- 8. Lions Club of Pinnacle Vision

Introduction to Pinnacle Scholars Academy Science and Robotics Lab

Pinnacle Scholars Academy had its first science lab since its inception days and is constantly upgrading. We also introduced Robotics Branch to our Science Lab to introduce the concepts of electronics, mechanics and practical application of Robotics in real world environment. Despite our efforts here are some constraints and problems we are facing to expand and promote quality practical science classes.

- 1. Infrastructure & Space Constraint due to urbanization
- 2. Constant Breakage of Lab equipments
- 3. Lack of awareness in guardians and policy makers regarding importance of practical experimentation
- 4. Need of Separate Labs for Biology, Chemistry and Physics in school education in Nepal as all these departments need different infrastructure.
- 5. Separate Lab Technician to coordinate, monitor and function the labs to run labs efficiently.
- 6. Large group of students using same lab equipment and having to wait for their turns.
- 7. Giving practical experiments more value in examination at National level.



Picture of PSA Science Lab





Objective:

- 1. To help understand and explore the concepts of science in practical way.
- 2. To develop cognitive abilities of children like critical thinking, problem solving, application, analysis.
- 3. To understand the nature of science like scientific enterprise, scientists and how they work, existence of scientific methods, interrelationships between science and technology and among the various disciplines of science.
- 4. To develop positive attitude towards scientific research like curiosity, interest, risk taking, objectivity, precision, confidence, perseverance, satisfaction, responsibility, consensus, collaboration, and liking science.
- 5. To develop and enhance the interest & understanding of scientific theories & knowledge among students in more comprehensive manner by imparting real and practical approach.

List of experiments

PHYSICS

SN	Name of Experiments	Equipments	Available	Required
			Quantity	Quantity
1	Calculation of average time	-a simple pendulum	-	Pendulum bob
	period of simple pendulum	bob and stand		and stand-5
		- stop watch		
2	To determine upper fixed point in	-Beaker	Beaker,	2 sets each
	thermometer	-stand	delivery tube,	
		-cork	tripod stand,	
		-delivery tube	thermometer,	
		-Hypsometer	stand	
		-Thermometer		
		-Burner		

		-Tripod stand		
3	To demonstrate longitudinal wave	Slinky spring	-	4
4	To study reflection and refraction of light	Optical bench	-	1
5	To study electric circuit	-Battery -connecting wire -bulb -Switch	-	2 sets
6	To measure volume of irregular bodies	-Measuring cylinder		
7	To measure density of body	-Spring balance -Measuring cylinder	Meacuring cylinder-1	Measuring cylinder-3
8	To measure relative velocity	-Stop watch	-	4 sets
9.	To find velocity ratio. MA, VR of different simple machines.	-different types of pulleys -model of wheeland axel -inclined plane -wooden box -slotted weight with hanger -spring balance	Pully-1	4 sets each
10.	To show liquid pressure	-A glass vessel with different structures	-	4 sets each
11.	To measure pressure exerted by human lungs	-Manometer	-	5 sets
12.	To measure atmospheric pressure	-Barometer	-	1 set
13.	To measure human body temperature	-Clinical thermometer -digital thermometer	Clinical thermometer- 1	5 sets each
14.	To measure boiling point and melting point of different substances.	-laboratory thermometer (alcohol/mercury)	Laboratory thermometer (mercury) -1	5 sets
15.	To measure the maximum and minimum temperature of different places	-maximum and minimum thermometer	-	1 set
16.	To show the image formed by curved mirror	-Optical bench -Concave/convex mirrors with stand	-	Optical bench-1 Concave and convex mirrors with stand-5 sets
17.	To show refraction of light through glass slab	-Optical board -Pins -glass slab	Glass slab-1	8 sets each
18.	To prove sound is produced by the vibration	-Tuning fork -rubber pad	1 set	5 sets each
19.	To demonstrate the propagation of sound	-Bell jar -electric bell	-	2 sets each

		-vaccum pump		
-		-9v, 6v battery		
20.	To measure the distance of cliff	-Fathometer		
	depth of the pond or lake	-hydrophone		
	(Echolocation)	-stop watch		
21.	To study about static electricity	-Glass rod		5 sets each
		-ebonite rod		
22.	To demonstrate conductors and	-electric wire	-	1 set each
	insulator	-bulb		
		-dry cell		
		-glass rod		
23.	To verify Ohm's law	-Ohm's law set	-	2 sets
		-Multimeter		
24.	To determine A.C. frequency	- sonometer	-	1
25.	To make simple cell and study it's	-copper plate	-	3 pcs each
	defects	-zinc plate		
		-Glass container		
		-dil. Sulphuric acid		
26.	To demonstrate about the	-Bulb	-	3 sets each
	combination of resistors and their	-battery		
	properties	-switch		
		-voltmeter		
		-ammeter		
		-conducting wire		
27.	To study about dynamo and	-Dynamo	-	2 sets each
	internal resistance of cell	-Potentiometer		
		-PO Rheostat		
28.	To show combination of cells and	-Electric wire	-	3 sets each
	their properties	-bulb		
		-battery		
		-Switch		
29.	To electroplate an iron nail with	-copper plate	Copper	3 sets each
	copper	-iron nail	sulphate	
		-copper sulphate		
		solution		
		-DC supply (6V)		
		-beaker		
		-connecting wire		
30	To make an electro magnet	-DC source(6v)	-	5 sets
		-solenoid wire		
		-iron		
		-nail		
		-pins		
31.	To determine Archmides principle	-Hydrostatic balance	-	3 sets each
		with weight box		
		-Ureka can		
		-top pan balance		
1		-spring balance		

32.	To demonstrate magnetic lines of	-Board	Bar magnet-2	Board- 5
	force around a bar magnet and	-bar magnet	_	Bar mgnet-5
	properties of magnet	-magnetic compass		Magnetic
		-iron dust		compass-5,
		-different types of		Iron dust-1
		magnet (U-shaped,		Different types of
		horse, shoe shaped,		magnet-1 set each
		circular, cylindrical)		U
33.	To study electric bell	Electric bell	-	1
34.	To study about solar heater	A model of solar	-	1
		heater		
35.	To demonstrate dispersion of light	Prisms of different	1	5
		size		
35.	To show light is a form of energy	-Magnifying glass	1 each	5 sets each
		-concave mirror		
36.	To prove white light consist 7	-Newton's colour Disc	1	4
	colors			
37.	To show types and properties of	-Torch light	-	4 set
	shadow formed by opaque bodies			
38.	To find angle of dip and angle of	- A dip circle	-	1 set
	declination	· ·		

Chemistry

SN	Experiments	Equipment's	Available Quantity	Required Quantity
1	To show dissolving of salt in water is a physical change	A porcelain basin, a wire gauze, a tripod stand, burner		Porcelain basin-4 Wire gauze-12
2.	To demonstrate sublimation process	Porcelain basin, burner, tripod stand, funnel, wire gauze, test tube, cotton, camphor		Camphor-5pkt Cotton-1pkt
3.	To demonstrate burning of a magnesium ribbon is a chemical change	Magnesium ribbon, burner, tongs/forceps	1set	3 sets each
4.	To show the change in color of acid, base and salt with different indicators	Blue litmus paper, red litmus paper, methylorange, phenolphthalein, PH paper, PH meter, PH scale	-	Litmus paper 3 pkt each, Methylorange-1 Phenolphthalein- 1, Ph paper-4 pkt, Ph meter-1, Ph scale-3sets

5.	To study classification of	A chart of periodic	-	3
	elements	table		
6.	To show filtration process	Stand, funnel,	Stand-2, funnel-2,	5sets each
		beakers, glass rod,	beakers-3, glass	
		filter paper	rod-1, filter paper-	
			1 pkt	
7.	Laboratory preparation of gases	Glass tube,	Galss tube-2	5sets each
	(Hydrogen, Oxygen, Nitrogen,	triangular file,	rubber cork-3	Chemical 1 set
	Carbondioxide, Ammonia)	rubber cork, cork	Gas jar-2	each
		borer, Gas jar,	beehive shelf-2	
		beehive shelf, watch	watch glass-2	
		glass, wash bottle,	wire gauze-3	
		wire gauze, tripod	tripod stand-3	
		stand, clamp and	clamp and stand-2	
		stand, test tube	test tube brush-2	
		holder spirit lamp	spirit lamp 2	
		Runsen burner	woulfe's bottle-1	
		woulfe's bottle	conical flask-1	
		conical flask, hard	hard glass test	
		glass test tube, thistle	tube-1	
		funnel, glass rod,	thistle funnel-2	
		asbestos sheet, water	glass rod-1	
		trough, lime tower		
		Chemical required		
		Calcium chloride,		
		Granulated zinc,		
		sulphuric acid,		
		Hydrochloric acid,		
		notaccium chlorato		
		Ammonium chloride		
		sodium nitrite		
		calcium Hydroxide		
		sodium hvudroxide.		
		potassium hydroxide,		
		sodium, manganese		
		dioxide		
8.	To show distillation process	Distillation set		
9.	To separate –soluble and	Porcelain basin,	tripod stand-3,	3 sets each
	insoluble solids	tripod stand and wire	wire guaze-3,	
	-volatile and non-volatile solids	guaze, funnel and	runnel and filter	
	-msoluble solids	Bookors Tost types	papers-3, Bookors 2	
		Burner Asbestos	Deakers-2, Test tubes 6	
		sheet conical flask	Rurner_1	
		water trough glass	Conical flask-1	
		retort	Water trough -3	
I	1			1

10.	To compare the reactivity of	Zinc power, copper	Iron fillings-	1 pkt each
	different metals	fillings, aluminium		
		powder, iron fillings		
11.	To study the rusting of iron	Test tubes, clean iron	Test tubes-6pcs	Test tubes- 1doz,
		nails, corks,		anhydrous
		anhydrous calcium		calcium chloride-
		chloride, vascelin,		1, vascelin-1,
		distilled water		distilled water-1
12.	To explain about	Adsorbent	-	1 set
	chromatography	chromatogram		

Biology

SN	Experiments	Equipments	Available	Required
			Quantity	Quantity
1.	To study onion cell/blood cells, permanent slides	A compound microscope, cover slip, glass slides, glycerine/formaline, drawtube, Dissection set(brushes, dropper, needles), Blotting paper, petri dish, Permanent slides: amoeba, paramecium, animal cell, spirogyra etc, plant tissues	Quantity Cover slip-1, Permanent lides: Amoeba-1, Paramecium- 1, animal cell-1, spirogyra-1,	Quantity Cover slip- 3pkt, Glass slikes-1set, Glycerine/ Formaline- 1, Draw tube- 4, dissection set-5sets, Blotting paper-2sets, petri dish-4, permanent slides- 6sets, plant tissues:
2.	To study different vertebrates and invertebrates and classify them	Biological specimens (octopus, starfish pila, seahorse etc)	Octopus-1, Starfish-1, Seahorse-1	6sets Each 5sets
3.	To study vegetative structure and spores of the mushroom/fern -making a spore print	A hand lens, glass slides, cover slip, compound microscope, glycerine	Microscope-2	Hand lens-5 Slides-1set Compound microscope- 6
4.	To study the model of human skeletal system	Model of human skeleton and chart of human skeleton	1	2sets

5.	To study about human heart,	Model of human	-	1 set
	lungs, kidney, digestive system,	body having all		
	eye	body organs		
6.	To study solar and lunar eclipse	Globe, torch light,	-	Each 2
		tennis ball		
7.	To study solar system,	Chart of solar	-	Each 2
	constellation, galaxy, meteor,	system, galaxy,		
	meteorites	constellation		
8.	To study weather	Hygrometer,	-	Each 2
		barometer,		
		Anemometer,		
		Maximum and		
		minimum		
		thermometer		
9.	To show the formation of fossil	Plaster of paris,	-	Each 2 sets
		petroleum jelly		
		spoon, plastic cups,		
		soap case, leaf		
10.	To study the parts of flower	A model chart of	-	2
		flower		
11.	To explain various methods of	Model chart of	-	2
	vegetative propagation in plants	vegetative		
		propagation in		
		plants		
12.	To study different phases of the	A model chart of	-	2
	moon	phases of the moon		

Some science equipment for Primary Level

SN	Experiments	Equipments	Available Quantity	Required Quantity
1.	To study traffic light	A model of traffic light	-	2
2.	To study about first aid box	A set of firstaid box	-	2
3.	To study clock	A clock	-	2
4.	T study types of food and nutrition	Chart of food and nutrition	-	2
5.	To study the classification of animals	Chart classifying vertebrates and invertebrates	-	2
6.	To identify soluble and insoluble substances	Beaker, stirring rods	-	2 sets each
7.	To demonstrate the formation of clouds and rainfalls	Beaker, burner, tripod stand, wire gauze	-	2 sets each

8.	To measure volume of	Measuring can,	-	2 sets each
	liquids:	Measuring		
		cylinder		
9.	To demonstrate solar	-model of solar	-	2 sets each
	system, phases of the moon,	system,		
	changes in seasons	Model of phases		
		of the moon		
10.	To measure the length,	Measuring tape,	-	Model of water
	breadth	scale and height		cycle

Budgeting

PHYSICS

SN	Required Equipments	Required Quantity	Estimated Price
1	-a simple pendulum bob and	5 set each	1250./-
	stand		
	- stop watch		
2	-Beaker(250ml)	2 sets each	160/-
	-stand		950
	-cork		20
	-delivery tube		20
	-Hypsometer		1650
	-Thermometer		175
	-Burner		550
	-Tripod stand		375
3	Slinky spring	4	375/-
4	Optical bench (s,s,rod)	1	9500/-
5	-Battery (9V)	2 sets	90/-
	-connecting wire		75
	-bulb		5
	-Switch		35
6	-Measuring cylinder (250 ML)		275/-
7	-Spring balance	3 sets each	325./-
	-Measuring cylinder		275
8	-Stop watch	4 sets	450/-
9.	-different types of pulleys	4 sets each	380/-
	-model of wheel and axel		1650
	-inclined plane		1450
	-wooden box		2500
	-slotted weight with hanger		475 (100g)
	-spring balance		325
10.	-A glass vessel with different	4 sets each	1000./-
	structures		
11.	-Manometer	5 sets	1200/-

12.	-Barometer	1 set	1850/-
13.	-Clinical thermometer	5 sets each	125/-
	-digital thermometer		1450
14.	-laboratory thermometer	5 sets	175+275/-
	(alcohol/mercury)	ercury)	
15.	-maximum and minimum	1 set	750
	thermometer		
16.	-Optical bench	Optical bench-1	9500
	-Concave/convex mirrors with	Concave and convex	225 each
	stand	mirrors with stand-5	175
		sets	
17.	-Optical board	8 sets each	775
	-Pins		60
	-glass slab		175
18.	-Tuning fork	5 sets each	275
	-rubber pad		45
19.	-Bell jar	2 sets each	975
	-electric bell		1250
	-vaccum pump		1800
20	-9v, 6v battery		90-1650
20.	-Fathometer		500
	-nydrophone		500
21	-stop watch	5 anto angle	450
21.	-Glass rod	5 sets each	25
22	-ebolite lod	1 sat anah	125
22.	-bulb	1 Set each	25
	-dry cell		25
	-glass rod		$\frac{25}{20}$
23	-Ohm's law set	2 sets	5500
20.	-Multimeter	2 5005	650
24.	- sonometer	1	1650
25.	-copper plate	3 pcs each	150
	-zinc plate		90
	-Glass container		275
	-dil. Sulphuric acid		1000
26.	-Bulb	3 sets each	5
	-battery		90
	-switch		35
	-voltmeter		700
	-ammeter		700
	-conducting wire		800
27.	-Dynamo	2 sets each	950
	-Potentiometer		2200
	-PO Rheostat		6500
28.	-Electric wire	3 sets each	
	-bulb		
	-battery		

	-Switch		
29.	-copper plate	3 sets each	
	-iron nail		
	-copper sulphate solution		950
	-DC supply (6V)		
	-beaker		
	-connecting wire		
30	-DC source(6v)	5 sets	
	-solenoid wire		
	-iron		
	-nail		
	-pins		
31.	-Hydrostatic balance with weight	3 sets each	4800
	box		1400
	-Ureka can		75
	-top pan balance		950
	-spring balance		
32.	-Board	Board- 5	300
	-bar magnet	Bar mgnet-5	275
	-magnetic compass	Magnetic compass-5,	35
	-iron dust	Iron dust-1	225
	-different types of magnet (U-	Different types of	350
	shaped, horse, shoe shaped,	magnet-1 set each	350
	circular, cylindrical)		
33.	Electric bell	1	
34.	A model of solar heater	1	
35.	Prisms of different size	5	90-125
35.	-Magnifying glass	5 sets each	275
	-concave mirror		
36.	-Newton's colour Disc	4	475
37.	-Torch light	4 set	175
38.	- A dip circle	1 set	7500
	Total		184110

Chemistry

SN	Equipment's	Required Quantity	Estimated Price	
1	A porcelain basin, a wire gauze, a	Porcelain basin-4	75	
	tripod stand, burner	Wire gauze-12	20	
2.	Porcelain basin, burner, tripod	Camphor-5pkt	Funnel-150	
	stand, funnel, wire gauze, test	Cotton-1pkt	Cotton-275	
	tube, cotton, camphor		Test tube-20	
3.	Magnesium ribbon, burner,	3 sets each	275	
	tongs/forceps		125	
			125	
4.	Blue litmus paper, red litmus	Litmus paper 3 pkt	150	
	paper, methylorange,	each,	220	

	phenolphthalein, PH paper, PH	Methylorange-1	240
	meter, PH scale	Phenolphthalein-1,	475
	,	Ph paper-4 pkt, Ph	
		meter-1. Ph scale-	
		3 sets	
5.	A chart of periodic table	3	450
6.	Stand, funnel, beakers, glass rod,	5sets each	Filter rod-275
	filter paper		
7.	Glass tube, triangular file, rubber	5sets each	15,175,275,650,
	cork, cork borer, Gas jar, beehive	Chemical 1 set each	80,35,45,75,375,
	shelf, watch glass, wash bottle,		220,45,75,50.375.
	wire gauze, tripod stand, clamp		750,330,1700,
	and stand, test tube brush, test		475,475,300,
	tube holder, spirit lamp, Bunsen		900,350,540,
	burner, woulfe's bottle, conical		400,310,820,
	flask, hard glass test tube, thistle		550,350
	funnel, glass rod, asbestos sheet,		
	water trough, lime tower		
	Chemical required		
	Calcium chloride, Granulated		
	zinc, sulphuric acid, Hydrochloric		
	acid, Hydrogen peroxide,		
	potassium chlorate, Ammonium		
	chloride, sodium nitrite, calcium		
	Hydroxide, sodium hyudroxide,		
	potassium hydroxide, sodium,		
	manganese dioxide		
8.	Distillation set		1650
9.	Porcelain basin, tripod stand and	3 sets each	Glass retort -650
	wire guaze, funnel and filter		
	papers, Beakers, Test tubes,		
	Burner, Asbestos sheet, conical		
	flask, water trough, glass retort		
10.	Zinc power, copper fillings,	1 pkt each	1700,600
	aluminium powder, iron fillings		700,600
11.	Test tubes, clean iron nails, corks,	Test tubes- 1doz,	Vascelin-650
	anhydrous calcium chloride,	anhydrous calcium	distilled water-750
	vascelin, distilled water	chloride-1, vascelin-	
		1, distilled water-1	
12.	Adsorbent chromatogram	1 set	
	Total		72090

Biology

SN	Equipments	Required Quantity	Estimated Price
1.	A compound microscope, cover	Cover slip-3pkt,	6500,65.125
	slip, glass slides,	Glass slikes-1set,	870,275,650,15

	glycerine/formaline, draw tube, Dissection set(brushes, dropper, needles), Blotting paper, petri dish, Permanent slides: amoeba, paramecium, animal cell, spirogyra etc, plant tissues	Glycerine/ Formaline- 1, Draw tube-4, dissection set-5sets, Blotting paper-2sets, petri dish-4, permanent slides- 6sets, plant tissues; 6sets	50,225,125
2.	Biological specimens (octopus, starfish pila, seahorse etc)	Each 5sets	550 each
3.	A hand lens, glass slides, cover slip, compound microscope, glycireine	Hand lens-5 Slides-1set Compound microscope-6	
4.	Model of human skeleton and chart of human skeleton	2sets	4500,325
5.	Model of human body having all body organs	1 set	
6.	Globe, torch light, tennis ball	Each 2	1450
7.	Chart of solar system, galaxy, constellation	Each 2	375,14000
8.	Hygrometer, barometer, Anemometer, Maximum and minimum thermometer	Each 2	Hygrometer -1450 Anemometer-16500
9.	Plaster of paris, petroleum jelly spoon, plastic cups, soap case, leaf	Each 2 sets	175
10.	A model chart of flower	2	275
11.	Model chart of vegetative propagation in plants	2	275
12.	A model chart of phases of the moon	2	3500
	Total		110060

Some science equipment for Primary Level

SN	Equipments	Required Quantity	Estimated Price
1.	A model of traffic light	2	14000
2.	A set of first aid box	2	3000
3.	A clock	2	1000
4.	Chart of food and nutrition	2	300
5.	Chart classifying vertebrates and	2	400
	invertebrates		
6.	Beaker, stirring rods	2 sets each	380
7.	Beaker, burner, tripod stand,	2 sets each	870
	wire gauze		

8.	Measuring can, Measuring	2 sets each	700
	cylinder		
9.	-model of solar system,	2 sets each	16000
	Model of phases of the moon		
	Modal of water cycle		
10.	Measuring tape, scale and height		50
11	Wooden rack $(5^{11} \times 6^{11})$	2sets	30000
		Total	66700

Total Budget

SN	Faculty	Amount	Request to	School Share
			LSF	
1	Physics	186,890/-	186,890/-	-
2	Chemistry	42,687/-	-	42,687/-
3	Biology	91,100/-	-	91,100/-
4	Equipment for	59,200/-	59,200/-	-
	Primary Level			
5	Project management		56,162	26,757
	& reporting			
	Total		302,252	160,544
	VAT 13%		38,390	20,871
	Total request		340,642	181,415
			65%	35%

Note# extra 13 per cent VAT will be applied to the quoted rates while invoicing

Monitoring/Evaluation

The teachers will keep a close eye on all of our activities and resources. Every teacher is required to report on their experiments and activities to their coordinators, and all of this information is then forwarded to the principal.

Committee Members:

- a. Shristy Karki(CM) Leader
- b. Nimi Raj Ghimire (Principal)- Leader
- c. Ramesh Khatri (Secondary Level science teacher)-Leader
- d. Bikash Timalsina (Lower secondary science teacher) Member
- e. Jani Sherpa (9) (LSF/E4E girl) Member
- f. Srijana Ghimire (8) (LSF/E4E girl) Member
- g. Pratima Bhusal (6) (LSF/E4E girl) Member
- h. Aayusha Khatri (7) (LSF/E4E girl) Member