



Ministry of Education, Youth & Information



PRESENTATION BY
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SECTORAL PRESENTATION

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MINISTER WITHOUT PORTFOLIO

MINISTRY OF EDUCATION, YOUTH AND INFORMATION

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INTRODUCTION

Mr. Speaker,

Today I rise to give an update on the operations of the Ministry of Education, Youth and Information and to outline plans for moving forward in the short to medium term. As I have indicated before, I have met with Principals, Vice Principals and Board Chairmen of all primary, secondary and tertiary institutions in all six regions throughout the country. In addition I have met with various stakeholder groups.

This exercise has enabled me to gather information and to assess first hand all factors that affect education directly. What I have concluded is that there is a grave imbalance in the education system of Jamaica.

My presentation today will be focused primarily on the Primary Exit Profile (PEP). I will also address the National School Needs Audit, the elimination of the shift system, the supply of text books, and changes to the School Feeding Programme.

For the purposes of context I will begin with the scope and content of the Ministry of Education Youth and Information. It consists of the following:

51	Infant Schools
585	Primary Schools
79	Primary and Junior high schools
97	All Age Schools
171	Secondary Schools
18	Tertiary Institutions
25,000	Teachers
583,843	Students
12,000	Administrative & ancillary staff

We have a recurrent budget of \$108 billion and a capital budget of \$1.25 billion.

This is therefore unquestionably one of the largest organizations in the country requiring enormous levels of expertise in education, management and administration.

Since I was given oversight responsibility for this Ministry by the Prime Minister in March, Minister Terrelonge and I have worked closely with the senior members of the administration led by our highly efficient Acting Permanent Secretary and her team of very competent professionals. We have sought to identify the weaknesses within the overall structure and have already taken steps to strengthen the processes involved. We have simultaneously sought to further strengthen those areas that were not operating efficiently.

My in-depth exposure has enabled me to conclude that the education system of Jamaica, whilst making strides, will need tremendous and sustained effort to correct the imbalance that exists between those who have and those who don't.

In order to achieve this, we must ensure that schools - particularly the lower-performing ones, have sufficient resources to provide the quality service to meet the needs of the students and teachers. We must give each child an equal chance to achieve his or her true God given potential.

We urgently need more trained teachers, better infrastructure and a proper nutritional programme. It should be obvious that we have lost too much time and the time for urgent action has arrived.

SCHOOL NEEDS AUDIT

(APPENDIX A)

Mr. Speaker, we undertook a comprehensive audit of the human resource, infrastructure and equipment needs of schools across all regions. That report is complete and was tabled in the House today.

HUMAN RESOURCE NEEDS

An audit of the human resources in schools shows that primary schools across the island are under resourced with the greatest needs being classroom teachers, guidance counsellors, caregivers, cooks, watchmen and janitors.

At the secondary level the existing needs included classroom teachers, system administrators and computer lab technicians. In addition, implementation of new programmes at the secondary level has resulted in additional responsibilities requiring additional senior teacher posts.

It will cost the Ministry of Education Youth, and Information an estimated \$5.9b to address the human resource needs of schools in all regions.

INFRASTRUCTURAL NEEDS

The audit also revealed that there is significant infrastructural deficiencies in schools, some of which need to be addressed immediately. Our schools require general repairs and maintenance, upgrades to electrical systems, termite control, and renovation of sanitary facilities as well as additional classrooms. This will cost just under \$12.5b.

EQUIPMENT NEEDS

In terms of equipment, there is a great need for desk top and laptop computers, printers and copiers. The total estimated cost to provide all the equipment needed is a little under \$1.43b.

Mr. Speaker, we would address all of these needs if we had the fiscal space, however since we don't, this report will guide the provision of targeted support to schools and allow us to strategically and effectively utilize our limited financial resources to address the areas of greatest need.

INFRASTRUCTURE PLAN

Mr. Speaker, I would like to highlight at this point that the Ministry has developed an infrastructure plan, tailored to the budget that was approved by this House in March of this year.

All Ministry projects are undertaken as part of the infrastructure budget and follow strict procurement guidelines. Plans do not change, except in the case of an emergency. There will be consistency in our approach, and we have made adjustments to ensure full compliance and accountability within the central Ministry as well as all its departments and agencies. No officer will be allowed to breach the procurement guidelines.

Mr. Speaker, in addition we have implemented a bi-monthly meeting to monitor infrastructure projects to ensure that the procurement guidelines are being adhered to.

ELIMINATION OF SHIFT SYSTEM

There are currently 37 schools on shift, including 15 primary schools, two All-age schools and 20 high schools.

In an effort to meet the demand for school places, the Ministry has prepared a plan of action designed to facilitate the elimination of the shift system and relieve overcrowding.

The strategies include the implementation of the extended day modality, the conversion of primary and junior high schools to full high or primary schools, the expansion, retrofitting and refurbishing of some schools, and the construction of 17 new schools on a phased basis.

Since 2007, these strategies have facilitated the elimination of the shift system in 87 schools.

Of the remaining 37 schools on shift, 13 will require expansion to relieve overcrowding, while 17 new schools (10 High and 7 Primary) are recommended to eliminate the shift system and relieve overcrowding in some of the remaining schools.

Work has already begun on some of the schools in this year's budget, namely:

- Cedric Titus High,
- Exchange All Age,
- Muschett High,
- Albert Town High,
- Old Harbour High and
- Friendship Primary

It is our intention to eliminate the shift system entirely by 2024.

REPAIRS TO FURNITURE

Mr. Speaker, the Ministry has introduced a pilot programme for the repair of damaged and worn furniture. It was introduced in the 2018/19 Academic Year and the pilot ended this month to make way for the full roll out of the programme. Under the programme, the Ministry selected two schools from each parish that have a woodwork and metal work department. These 28 schools are known as repairer schools.

Each school is paired with a number of neighbouring schools which have furniture to be repaired, and is given just over \$1.5m per year to complete the repairs. The allocation is used to provide material to complete repairs, small incentives for students doing the repairs and as a small honorarium for instructors. This also covers the cost of transportation for the damaged furniture to the repairer schools and back to the original school once repaired.

So far, six thousand eight hundred and sixty-eight (6,868) pieces of furniture have been repaired at a cost of nineteen million, six hundred and fifty one thousand dollars (\$19.65M). The cost to replace the furniture would have been twenty eight million, one hundred thousand dollars (\$28.1M). Roughly nine million (\$9M) was saved from this project.

TEXTBOOKS

Our ministry will be providing textbooks and appropriate electronic and other supplies to support the National Standards Curriculum and other Curricula at grades 1 – 13 for the upcoming academic year.

The total cost associated with these procurements for both the primary and secondary levels will be approximately **\$817 million**.

Distribution of these resources will commence in August of this year.

SCHOOL FEEDING PROGRAMME

Mr. Speaker, providing balanced nutrition to our students is something that this Ministry and indeed the Government takes very seriously.

I have spoken to our principals and our teachers across the island and what they have told me is that in a number of schools, the children have no energy by 10 o'clock in the morning.

They have not been provided with breakfast before they get to school and it is impacting their focus and their participation. It is also affecting their attendance.

Mr. Speaker, this is why we are revisiting the provision of breakfast to our most vulnerable students. I have met with the team from Nutrition Products Limited and they have put a proposal on the table which will see the provision of breakfast for 70,000 of our most vulnerable students at the primary and early childhood level.

We are in the process of securing the additional funding for this programme with a view to rolling it out when the school year begins in September.

Mr. Speaker, you will recall that earlier this month I indicated that our Westmoreland Plant will be re-opened.

Following discussions with NPL, we were advised that the plant will provide juices for selected schools and serve as the hub for distributing local produce to schools for their lunch programme. NPL is also considering the provision of lunches consisting primarily of locally grown agricultural produce and natural fruit juices for schools within 15 minutes of the plant.

PRIMARY EXIT PROFILE (PEP)

Mr. Speaker, the National Standards Curriculum, has now been fully rolled out, and one of its key components was assessed during the first sitting of the Primary Exit Profile (PEP), which has replaced the Grade Six Achievement Test (GSAT).

The roll out of PEP has not been met with unanimous national support despite the fact that it was developed over the last 5 years and indeed was first introduced by the former Minister of Education, the member from Central Kingston, Reverend Ronald Thwaites while Minister of Education.

PEP “will not be based on memory or regurgitation but will be geared towards testing critical skills and mental ability. It will encourage the students to do more inquiry and expression.”

Mr. Speaker, those are the words of Rev. Thwaites speaking as Education Minister in 2015. This is why I was so disappointed to hear Rev. Thwaites' criticism of the programme. He was thoroughly briefed and I expect understood clearly then that there would be differences in the results when compared to the previous system of assessment under GSAT.

Mr. Speaker, when the Common Entrance system was phased out, the differential was far greater than the differential between the GSAT and the PEP scores.

In addition, it was under his leadership of the Ministry of Education that all elements relating to this new system were introduced, endorsed and signed off on from as early as 2014. Let me be clear, not one variable of the test has been changed since the former Minister approved its implementation.

Mr. Speaker, even the controversial scaled scoring was approved under Reverend Thwaites' watch in 2015.

In this first sitting, of the **40,426** students who sat all papers, there were **13,695 or 34%** who were proficient and or highly proficient in all subjects. This means that 34% of these students demonstrated an adequate to advanced level of the required competence necessary at that grade level in all subject areas, as specified in the National Standards Curriculum (NSC) and may need minimal academic support and/or extended learning activities at Grade 7.

There are a number of students who did not perform at the level required. The results revealed the following placements:

- Pathway 1 22,289
- Pathway 2 14,500
- Pathway 3 3,749

Students on pathways II and III demonstrate partial, limited or no evidence of the required competence necessary at the grade level, as specified in the National Standards Curriculum (NSC) and will need intensive, targeted or on-going academic support at Grade 7.

Mr. Speaker, what this assessment has done is to effectively create a profile of the students' weaknesses and talents, which then allows the specialists to determine what their specific needs are.

PATHWAY COACHES

Upon entering high school, the students on Pathways 2 and 3 are assigned to pathway coaches:

- a literacy coach,
- mathematics coach or
- special education teacher, depending on what the assessment has revealed.

The coaches will guide and provide the adequate support in the targeted areas to help the students live up to their true potential.

PSYCHO-EDUCATIONAL ASSESSMENTS

Students on pathway 3 will undergo psycho-educational assessments to determine their ability levels in various areas of cognition as well as their achievement levels in all areas of literacy and numeracy.

Information from this assessment will be used by the Coaches to develop **Individual Intervention Plans**, which will be used to guide their instruction.

These Coaches will collaborate with the assigned teachers in planning and developing appropriate curricula for each student.

Mr. Speaker, the 2019 PEP results show us that a significant number of students are struggling with math, and consider it to be the most difficult subject.

By September we will have close to 100 math coaches across all regions. Literacy also requires additional work. By September we expect to have 20 Literacy Specialists in the system as we continue the efforts to improve student performance in this area.

The Detailed Subject Report was provided to parents and schools three weeks ago. The report provided a profile of performance within each subject area. It also outlined how the student performed in the sub areas tested in each subject.

Take Language Arts for example, the report detailed how the student did in the reading, writing and research components of the test. In addition, it provided parents with how many test items their children got correctly on each test. PEP has given us a far more comprehensive analysis of student performance than was possible with GSAT.

Mr. Speaker, we at the Ministry of Education have absolutely nothing to hide and that is why I tabled “**The National Report on the Primary Exit Profile 2019**” last week. Mr. Speaker, on the face of it, the PEP averages are lower and this is to be expected. The reality is, when GSAT was first implemented 20 years ago, the national averages were considerably lower.

Student performance in GSAT improved over time as teachers and students got more accustomed to the curriculum and the test. Both students and teachers became over exposed to the GSAT test instrument and over time it became a less effective indicator of student ability.

PEP represents a total shift in how we test students leaving the primary school system. It moves away from the multiple choice responses of the past tests where students could guess the correct answer.

PEP requires students to demonstrate their knowledge with greater emphasis on how the child has gotten to an answer. We are confident that PEP is a much better indicator of student ability and its reporting structure has given us more detailed information which we will be used for intervention strategies.

I want to use this opportunity to thank the members of the Ministry's Student Assessment Unit, which was responsible for the test. The team has worked tirelessly and their efforts must be commended.

SPECIAL NEEDS TEACHERS

Mr. Speaker, the Ministry's Special Education Unit is funded to the tune of \$1.225b. The unit makes special provisions for students who are gifted and talented and who were formerly an underserved group in our education system.

The Special Education Unit operates a Braille and Large Print Programme which reproduces printed material for persons who are blind or visually impaired. Large Print services are also available for students with low vision who are in regular schools.

Students with special needs are educated in the general education setting, in public or grant-aided special education schools or in independent special education schools. The Ministry provides support to community-based organizations offering early-intervention and community-based rehabilitation to students with disabilities.

The Ministry also opened two Diagnostic Centres which assist in diagnosing students with special needs as well as providing short-term intervention.

Across the system, there are 424 trained special education teachers employed to give support to students with special needs. Additional special education teachers are also being recruited.

EARLY CHILDHOOD EDUCATION

Mr. Speaker, we realize that if we are to improve the performance of our students we must act early. Children must be given a solid foundation upon which to build.

This is why early childhood education and primary education are so critical to the educational development of our students. While strides have been made in increasing access to early childhood education, there is still more to be done.

As parents, teachers and guardians we need to see that children are introduced to healthy learning environments from as early as possible.

Send them to nursery, basic schools, infant schools, and any of the government run infant departments - give them a fair chance at life.

We are happy to report that 200 of our institutions are now fully certified.

RELATIONSHIP WITH CMU

Mr. Speaker, it would be remiss of me to make this presentation without making mention of the Caribbean Maritime University (CMU). It is unfortunate that the ongoing investigations have called the reputation of CMU into question. Despite the investigations, CMU continues to produce world class graduates who are highly sought after regionally and internationally. This tradition must be maintained.

Now is the time for the management of CMU to assess its systems, identify any areas of weaknesses and put the necessary administrative and financial management systems in place to strengthen the university. This is an opportunity for the CMU to build on past successes for a stronger university.

SPIRIT OF COLLABORATION

Mr. Speaker, as we work to ensure that the nation's children receive the best education possible, it is important that we put our differences aside. Politics should not play a role in education.

The education of the nation's children requires a collaborative approach and a spirit of cooperation. This is why I have met with my Opposition People's National Party counterpart Reverend Ronald Thwaites a number of times to discuss critical areas in education.

We at the ministry hold monthly meetings with the Jamaica Teachers' Association (JTA) to address concerns and share information and ideas. We hold quarterly meetings with the ecumenical church group, school principals and board chairmen at all levels of the system as well as routine meetings with other stakeholder groups.

Finally, Mr Speaker, I wish to commend the public officers working at the Ministry and its agencies. This has been an incredibly difficult time for them. Despite the challenges that are being faced, I have found them to be totally committed to the cause of education for the benefit of the children of Jamaica.

Thank you.

APPENDICES



MINISTRY of EDUCATION,
YOUTH & INFORMATION



AUDIT

**SCHOOLS OPERATIONS
AUDIT OF SCHOOL NEEDS 2019**



MINISTRY of EDUCATION,
YOUTH & INFORMATION

SCHOOLS OPERATIONS
AUDIT OF SCHOOL NEEDS 2019

JULY 2019

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EXECUTIVE SUMMARY

A comprehensive audit of resources in schools was conducted to provide the Ministry of Education, Youth and Information with baseline data to inform the provision of targeted support to schools. This would strategically allow for effective utilization of financial resources to address the needs of the schools. The audit was conducted in three main areas: Human Resource, Infrastructure and Equipment.

An audit of the human resources in schools showed that primary schools across the regions are under resourced with the greatest needs being classroom teachers, guidance counsellors, caregivers, cooks, watchmen and janitors.

At the secondary level the existing needs include classroom teachers, system administrators, computer lab technicians, APSE coaches, plant managers, cooks and watchmen. In addition, implementation of new programmes at the secondary level has resulted in additional responsibilities requiring additional senior teacher I and senior teacher III posts. The estimated cost for these resources for each region is shown in the Table 1 below.

It will cost the Ministry of Education, Youth and Information an estimated **\$5,915,966,635.73** to address the human resource needs of the schools in all regions as shown in the table below. Region 1 will require over **\$2b** to address all the needs identified while Region 6 will need over **\$1b**. The other four Regions will require less than **\$1b** each.

The audit also revealed that there is significant infrastructural issues in the schools. The needs include:

- general repairs and maintenance
- upgrades to electrical systems
- construction and renovation of sanitary facilities
- treatment of termite infestation
- construction of classrooms
- repairs to and construction of sewage disposal systems
- roofing repairs
- perimeter fencing

The data showed that schools are in dire need of electrical upgrading, additional classrooms, renovation of sanitary facilities and sewage disposal systems and a large number of schools across the regions are plagued with termite infestation.

The estimated cost per region to address all the issues identified is in excess of **\$1b**. In Region 2 the estimated cost is just over **\$4b** and in Region 3 it is just over **\$3b** as shown in the table below. The total cost to the Ministry would be just over **\$12b** dollars if all the issues identified were addressed.

The audit of the equipment done in the schools revealed that the schools at the primary level are in need of equipment such as desk top and laptops computers, printers and copiers. In general across the Regions the largest contributor to the total equipment cost is the cost for computers. Region 1 indicated that 2506 computers were needed while in Region 5, the schools needed a total of 2092 computers. The total estimated cost to provide all the equipment needed is **\$1,429,200,939.00** as shown in the table below.

Region	ESTIMATED COSTS		
	Human Resources (\$)	Infrastructure (\$)	Equipment (\$)
1	2,756,503,252.58	1,374,005,000.00	267,494,000.00
2	636,050,168.58	4,256,980,000.00	446,577,939.49
3	627,814,650.50	3,494,850,000.00	252,829,000.00
4	702,481,323.80	1,950,938,397.00	15,348,000.00
5	163,911,207.38	1,415,292,000.00	362,727,000.00
6	1,029,206,032.89	1,399,400,000.00	84,225,000.00
TOTAL	5,915,966,635.73	12,476,173,397.00	1,429,200,939.00

Table 1 Estimated Costs Based on Audit

The Ministry of Education, Youth and Information would need an estimated **\$19,821,340,971.73** to address all the needs identified by the audit.

SUMMARY OF NEEDS AUDIT BY REGION

REGION 1

Human Resource Needs

As shown in Table 1 above, the human resource needs for Region 1 is estimated to cost the Ministry of Education, Youth and Information just under **\$2.8b**. The table below shows the areas of greatest need with a total estimated cost of **\$2,564,437,175.00** accounting for approximately 93% of the total estimated cost for human resource needs for the Region.

Human Resource Need	Number Required	Estimated Cost (\$)
Classroom Teacher	317	427,951,585.00
Guidance Counsellor	11	20,520,247.00
Physical Education Teacher	136	259,149,696.00
HFLE Teacher	192	365,633,492.00
Spanish Teacher	114	212,664,378.00
Special Education Teacher	114	212,664,378.00
Literacy Coach	114	212,664,378.00
Numeracy Coach	114	212,664,378.00
Caregiver	29	13,762,704.00
Watchman	56	29,363,828.00
Janitor	8	4,112,992.00
Cook	46	36,095,950.00
Canteen Staff	43	49,895,107.00
Senior Teacher I	93	184,997,739.00
APSE Coach	61	113,794,097.00
Plant Manager	43	35,965,759.00
Systems Administrator	43	49,895,106.00
Computer Lab Technician	38	31,783,694.00
Examination Coordinator	43	90,857,667.00
TOTAL		2,564,437,175.00

Table 2 Estimated Cost for Human Resource Needs – Region 1

Infrastructural Needs

The total estimated cost for all infrastructural issues identified is **\$1,374,005,000.00**. The major infrastructural issues that were identified by the audit are listed in the table below. These issues are estimated to cost approximately **\$1.3b**.

Infrastructural Need	Estimated Cost (\$)
Construction of additional Classrooms	443,300,000.00
Classroom Renovation	225,100,000.00
Canteen Renovation	81,000,000.00
Fencing	241,800,000.00
Plumbing	54,750,000.00
Treatment of Termite Infestation	34,455,000.00
Electrical Upgrade	110,050,000.00
Bathroom Renovation	29,200,000.00
Roofing	43,500,000.00
Sewage Upgrade	6,350,000.00
Waterproofing	35,000,000.00
Grill Works	1,850,000.00
Other Maintenance Needs	37,650,000.00
TOTAL	1,309,550,000.00

Table 3 Estimated Cost for Infrastructural Needs – Region 1

Equipment Needs

The total estimated cost for the equipment is **\$267,494,000.00**. The major equipment needs that were identified by the audit are listed in the table below. The total estimated cost of the equipment listed below is **\$259,727,000.00**.

Equipment Need	Estimated Cost (\$)
Computers	226,400,000.00
Printers	23,312,000.00
Copiers	5,400,000.00
Filing Cabinets	1,370,000.00
Staff Desks & Chairs	3,245,000.00
TOTAL	259,727,000.00

Table 4 Estimated Cost for Equipment Needs – Region 1

REGION 2

Human Resource Needs

As shown in Table 1 above, the human resource needs for Region 2 is estimated to cost the Ministry of Education, Youth and Information **\$636,050,168.58**. The table below shows the areas of greatest need with a total estimated cost of **\$610,342,033.25** accounting for approximately 96% of the total estimated cost for human resource needs for the Region.

Human Resource Need	Number Required	Estimated Cost (\$)
Classroom Teacher	140	324,395,267.75
Guidance Counsellor	28	68,566,321.25
Physical Education Teacher	22	44,675,792.25
Caregiver	115	65,605,968.00
Watchman	118	57,530,312.00
Cook	89	49,568,372.00
TOTAL		610,342,033.25

Table 5 Estimated Cost for Human Resource Needs – Region 2

Infrastructural Needs

The total estimated cost for all infrastructural issues identified is **\$4,256,980,000.00**. The major infrastructural issues that were identified by the audit are listed in the table below.

Infrastructural Need	Estimated Cost (\$)
Construction of additional Classrooms	2,078,500,000.00
Classroom Renovation	525,000,000.00
Canteen Renovation	5,000,000.00
Fencing	610,200,000.00
Treatment of termite Infestation	66,930,000.00
Electrical Upgrade	293,000,000.00
Bathroom Renovation	120,200,000.00
Roofing	473,200,000.00
Sewage Upgrade	45,300,000.00
Waterproofing	169,500,000.00
Other Maintenance Needs	342,650,000.00
TOTAL	4,256,980,000.00

Table 6 Estimated Cost for Infrastructural Needs – Region 2

Equipment Needs

The total estimated cost for the equipment is **\$44,675,792.00**. The major equipment needs that were identified by the audit are listed in the table below.

Equipment Need	Estimated Cost (\$)
Computers	325,513,009.24
Printers	8,020,064.40
Copiers	13,955,000.00
Filing cabinets	10,429,420.00
Resource Materials	25,420,885.85
Staff Desks & Chairs	22,629,560.00
Play Area	40,610,000.00
TOTAL	446,577,939.49

Table 7 Estimated Cost for Equipment Needs – Region 2

REGION 3

Human Resource Needs

As shown in Table 1 above, the human resource needs for Region 3 is estimated to cost the Ministry of Education Youth and Information **\$627,814,650.50**. The table below shows the areas of greatest need accounting for **\$620,544,051.00** of the total estimated cost.

Human Resource Need	Number Required	Estimated Cost (\$)
Systems Administrator	17	15,075,853.00
Examination Coordinator	16	18,303,499.00
Plant Manager	16	14,725,264.00
Dean of Discipline	5	11,219,735.00
Vice Principal	9	25,277,424.00
Classroom Teacher	111	178,995,530.00
Cooks	121	53,737,514.00
Nurses	13	17,303,767.00
Educational Resources Administrator	94	215,066,115.00
Watchman	24	26,057,712.00
Caregiver	28	15,752,464.00
Clerical Assistance	46	29,029,174.00
TOTAL		620,544,051.00

Table 8 Estimated Cost for Human Resource Needs – Region 3

Infrastructural Needs

The total estimated cost for all infrastructural issues identified is **\$3,494,850,000.00**. The major infrastructural issues that were identified by the audit are listed in the table below.

Infrastructural Need	Estimated Cost (\$)
Construction of Additional Classrooms	1,354,000,000.00
Classroom Renovation	495,300,000.00
Canteen Renovation	23,600,000.00
Fencing	397,600,000.00
Plumbing	14,000,000.00
Treatment of Termite Infestation	147,450,000.00
Electrical Upgrade	169,500,000.00
Bathroom Renovation	427,500,000.00
Roofing	115,000,000.00
Sewage Upgrade	10,000,000.00
Waterproofing	58,500,000.00
Grill Works	2,700,000.00
Other Maintenance Needs	279,700,000.00
TOTAL	3,494,850,000.00

Table 9 Estimated Cost for Infrastructural Needs – Region 3

Equipment Needs

The total estimated cost for the equipment is **\$252,829,000.00**. The major equipment needs that were identified by the audit are listed in the table below. The total estimated cost for these equipment is **\$240,929,000.00**.

Equipment Need	Estimated Cost (\$)
Computers	114,570,000.00
Printers	5,610,000.00
Copiers	29,000,000.00
Filing cabinets	12,305,000.00
Resource Materials	19,000,000.00
Staff Desks & Chairs	29,444,000.00
Play Area	22,000,000.00
Water Storage	9,000,000.00
TOTAL	240,929,000.00

Table 10 Estimated Cost for Equipment Needs – Region 3

REGION 4

Human Resource Needs

As shown in Table 1 above, the human resource needs for Region 4 is estimated to cost the Ministry of Education, Youth and Information **\$702,481,323.80**. The table below shows the areas of greatest need with an estimated cost of **\$688,284,961.00**.

Need	Number Required	Estimated Cost (\$)
Systems Administrator	27	29,819,853.00
Examination Coordinator	27	6,682,295.00
Guidance Counsellor	18	23,265,162.00
Plant Manager	27	21,494,970.00
Dean of Discipline	14	27,530,062.00
Physical Education Teacher	108	13,959,000.00
Classroom Teacher	288	374,827,610.00
Cooks	48	24,753,872.00
Nurse	9	12,585,996.00
Educational Resources Administrator	128	31,679,027.00
Watchman	57	29,242,824.00
Caregiver	50	29,551,600.00
Clerical Assistance	79	62,892,690.00
TOTAL		688,284,961.00

Table 11 Estimated Cost for Human Resource Needs – Region 4

Infrastructural Needs

The total estimated cost for all infrastructural issues identified in Region 4 is **\$1,950,938,397.00** as shown in Table 1. The major infrastructural issues that were identified by the audit are listed in the table below.

Infrastructural Need	Estimated Cost (\$)
Construction of Additional Classrooms	746,250,000.00
Classroom Renovation	156,893,200.00
Canteen Renovation	31,110,000.00
Fencing	40,710,000.00
Plumbing	7,550,000.00
Treatment of Termite Infestation	52,100,000.00
Electrical Upgrade	125,000,003.00
Bathroom Renovation	47,431,188.00
Roofing	104,300,000.00
Sewage Upgrade	59,500,000.00
Waterproofing	10,000,000.00
Grill Works	930,000.00
TOTAL	1,748,164,397.00

Table 12 Estimated Cost for Infrastructural Needs – Region 4

Equipment Needs

The total estimated cost for the equipment is **\$15,348,000.00**. The major equipment needs that were identified by the audit are listed in the table below. The total estimated cost for these equipment is **\$14,170,000**.

Equipment Need	Estimated Cost (\$)
Computers	12,500,000.00
Printers	620,000.00
Filing cabinets	150,000.00
Water Storage	900,000.00
TOTAL	14,170,000

Table 13 Estimated Cost for Equipment Needs – Region 4

REGION 5

Human Resource Needs

As shown in Table 1 above, the human resource needs for Region 5 is estimated to cost the Ministry of Education, Youth and Information **\$163,991,207.38**. The human resource needs are listed below.

Human Resource Need	Number Required	Estimated Cost (\$)
Systems Administrator	33	10,550,000.00
Examination Coordinator	22	9,522,784.00
Guidance Counsellor	42	33,484,321.00
Plant Manager	40	16,214,744.00
Dean of Discipline	11	7,816,487.00
Classroom Teacher	171	76,422,871.38
Nurse	24	3,200,000.00
Clerical Assistance	65	6,780,000.00
TOTAL		163,991,207.38

Table 14 Estimated Cost for Human Resource Needs – Region 5

Infrastructural Needs

The total estimated cost for all infrastructural issues identified in Region 5 is **\$1,415,292,000.00** as shown in Table 1. The major infrastructural issues that were identified by the audit are listed in the table below.

Infrastructural Need	Estimated Cost (\$)
Construction of Additional Classrooms	691,450,000.00
Classroom Renovation	82,620,000.00
Canteen Renovation	52,410,000.00
Fencing	132,295,000
Plumbing	25,368,000
Treatment of Termite Infestation	42,664,000
Electrical Upgrade	131,990,000
Bathroom Renovation	46,380,000
Roofing	108,650,000
Sewage Upgrade	10,420,000.00
Waterproofing	10,600,000.00
Grill Works	8,562,000.00
Other Maintenance Needs	39,853,000.00
TOTAL	1,383,262,000.00

Table 15 Estimated Cost for Infrastructural Needs – Region 5

Equipment Needs

The total estimated cost for the equipment is **\$362,727,000.00**. The major equipment needs that were identified by the audit are listed in the table below. The total estimated cost for these equipment is **\$361,433,000.00**.

Equipment Needed	Estimated Cost (\$)
Computers	235,459,000.00
Printers	10,663,000.00
Copiers	24,850,000.00
Filing Cabinets	11,329,000.00
Resource Materials	16,640,000.00
Staff Desks & Chairs	16,737,000.00
Play Area	38,170,000.00
Water Storage	7,585,000.00
TOTAL	361,433,000.00

Table 16 Estimated Cost for Equipment Needs – Region 5

REGION 6

Human Resource Needs

As shown in Table 1 above, the human resource needs for Region 6 is estimated to cost the Ministry of Education Youth and Information **\$1,029,206,032.00**. The table below shows the areas of need identified by the audit.

Human Resource Need	Number Required	Estimated Cost (\$)
Systems Administrator	39	43,073,124.00
Examination Coordinator	59	114,876,127.00
Guidance Counsellor	42	70,093,908.00
Plant Manager	40	42,596,800.00
Dean of Discipline	15	35,163,645.00
Classroom Teacher	156	277,956,093.00
Cooks	217	111,483,944.00
Nurse	55	76,914,420.00
Educational Resources Administrator	339	83,899,923.00
Watchman	160	82,085,120.00
Clerical Assistance	126	91,062,928.00
TOTAL		1,029,206,032.00

Table 17 Estimated Cost for Human Resource Needs – Region 6

Infrastructural Needs

The total estimated cost for all infrastructural issues identified in Region 6 is **\$1,399,400,000.00**. The major infrastructural issues that were identified by the audit are listed in the table below.

Infrastructural Need	Estimated Cost (\$)
Construction of Additional Classrooms	437,000,000.00
Classroom Renovation	157,800,000.00
Canteen Renovation	59,100,000.00
Fencing	282,300,000.00
Plumbing	17,000,000.00
Treatment of Termite Infestation	34,550,000.00
Electrical Upgrade	163,000,000.00
Bathroom Renovation	74,500,000.00
Roofing	155,150,000.00
Sewage Upgrade	19,000,000.00
TOTAL	1,399,400,000.00

Table 18 Estimated Cost for Infrastructural Needs – Region 6

Equipment Needs

The total estimated cost for the equipment is **\$84,225,000.00**. The major equipment needs that were identified by the audit are listed in the table below.

Equipment Needed	Estimated Cost (\$)
Computers	2,025,000.00
Copiers	350,000.00
Filing Cabinets	100,000.00
Staff Desks & Chairs	3,000,000.00
Play Area	78,750,000.00
TOTAL	84,225,000.00

Table 19 Estimated Cost for Equipment Needs – Region 6

CONCLUSION

The detail needs for each school is also available. Based on the needs now captured the following action will be undertaken:

1. Detailed analysis of the needs of each school to determine the priority areas and also to phase the provision of funding support for the area of infrastructure and equipment needs.
2. The human resource needs are being filled based on policy direction taken previously and it is expected that for the new school year the justified needs for staffing will be provided. The update of the schools establishment is being undertaken with the Ministry of Finance and this will result in a Cabinet Submission for approval of the additional staff added.
3. The list will also now be used to make representation to PIMSEC for the areas of new construction.
4. Some schools are currently being provided with funds for infrastructure repairs and others will be placed in a phased plan over the next two years for support.
5. All estimates will also be done for each school based on the needs.

APPENDIX B – 2019/2020 CRITICAL REPAIRS PROJECTS

SUMMARY			
Region	No. of Schools	2019-2020 New Projects (\$)	Amount Disbursed (\$)
1	13	33,147,750.00	21,547,749.98
2	11	95,727,090.00	41,946,000.00
3	6	48,090,743.13	28,929,350.00
4	6	43,400,000.00	20,450,000.00
5	4	14,114,900.00	10,114,900.00
6	18	162,529,158.59	91,600,105.00
TOTAL	58	\$ 397,009,641.72	\$ 214,588,104.98

REGION 1

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
1	Kingston	Rollington Town Primary	Demolish floor slab and make good the area	1,500,000.00	1,500,000.00	Quotation to be requested July 30, 2019	
2	Kingston	Tarrant High	Repairs to drive way	800,000.00	800,000.00	60% completed	
3	St. Andrew	Tavares Gardens Primary	Renovation of sanitary facilities and water supply	2,000,000.00	2,000,000.00	To be tendered Aug. 2, 2019	
4	St. Andrew	Melrose Primary & Junior High	Demolition of existing sanitary block	1,000,000.00	1,000,000.00	Quotation to be requested July 30, 2019	
5	St. Andrew	Mona Primary	Covering of open storm water drain	358,000.00	358,000.00	Completed	

REGION 1

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
6	St. Andrew	Randolph Lopez School of Hope	Major upgrading to sanitary facilities	2,000,000.00	2,000,000.00	To be tendered Aug. 9, 2019	
7	St. Andrew	Salvation Army School for the Blind	Construction of waste water disposal system	3,000,000.00		To be tendered Aug. 9, 2019	
8	St. Andrew	Maverley Primary & Junior High	Repairs to Walkway/ Sanitation repairs	3,500,000.00	2,000,000.00	Quotation being reviewed	
9	St. Andrew	Jacks Hill All Age	Reconstruction of access road and parking	3,000,000.00	2,000,000.00	To be tendered Aug. 9, 2019	

REGION 1

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
10	St. Andrew	King Weston All Age	Electrical repairs	3,500,000.00	2,000,000.00	Quotation to be requested Aug. 2, 2019	
11	St Andrew	Charlie Smith High	Wall construction and repairs	4,200,000.00	2,100,000.00	Quotation to be requested Aug. 2, 2019	
12	St. Andrew	Whitfield Primary	Modification of Classrooms for the creation of Infant Department	3,289,750.00	3,289,749.98		
13	St. Andrew	John Mills Primary & Junior High	Construction of stair case	5,000,000.00	2,500,000.00	Quotation to be requested Aug. 5, 2019	

REGION 2

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
1	St. Thomas	Airy Castle Primary	Replacement of Collapsing retaining wall/Fence	3,000,000.00	1,500,000.00	Project to be tendered	
2	St. Thomas	White Hall Primary	Upgrading of the Electrical System	1,500,000.00	1,500,000.00	Quotation to be requested	
3	St. Thomas	Seaforth High	Renovation of fire damage Industrial Arts block	28,000,000.00	10,000,000.00	Contract to be signed	
4	St. Thomas	Wilmington Primary	Renovation/ Modification of cottage to accommodate Infant Department	10,000,000.00	5,000,000.00	Detailed estimate being completed	

REGION 2

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
5	Portland	Port Antonio Infant	Demolition of defective cottage	800,000.00	800,000.00	Quotation to return Aug. 2, 2019	
6	Portland	Manchioneal All Age	Repairs to roofs, columns, beams, Electrical System	8,000,000.00	4,000,000.00	BQ. Being prepared	
7	Portland	Nonsuch Primary	Repairs to damaged Sanitation Block Roof and termite treatment	1,000,000.00	1,000,000.00	Quotation to be requested	

REGION 2

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
8	Portland	Port Antonio High / Fellowship Primary	Infrastructure work to accommodate grade 7 of Port Antonio High (Campus 2)	30,000,000.00	12,000,000.00	25% completed	Work in progress
9	St. Mary	Beecham Hill Primary	Construction of new soak away pit	450,000.00	450,000.00		
10	St. Mary	Mahoe Hill All Age	Electrical Problem	96,000.00	96,000.00	Completed	Work in progress
11	St. Mary	Brimmer Vale High	Rehabilitation of J block to include Waterproofing of slab, electrical repairs, and renovation of sanitary facility	12,881,090.00	5,600,000.00	Contract to be signed	

REGION 3

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
1	St. Ann	Discovery Bay Primary	Modification of existing facilities for accommodation of a High school	28,000,000.00	10,000,000.00	Awaiting Central PC approval	
2	St. Ann	Camperdown Primary	Removal of defective metal water tanks. Construction of new tank platform	2,295,211.25	1,133,818.12	Work to commence Aug. 29, 2019	
3	St. Ann	Steer Town High	Treatment of Termite Infestation	4,000,000.00	4,000,000.00	Quotations to be evaluated	PS approval granted, \$4m disbursed

REGION 3

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
4	St. Ann	Aabuthnott Gallimore High	Removal and relocation of high tension electrical wires and posts	3,641,771.88	3,641,771.88	JPS to commence work	To be paid to JPS
5	Trelawny	Falmouth All Age	Renovation of Home Ecom and Canteen	5,940,000.00	5,940,000.00	45% completed	Work in progress
6	Trelawny	Westwood High	Renovation of Canteen of	4,213,760.00	4,213,760.00	Work to commence Aug. 29, 2019	

REGION 4

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
1	St. James	Irwin High and Irwin Primary	Construction of sewer disposal system	12,000,000.00	5,000,000.00	Design being completed	
2	St. James	Spot Valley High	Repairs to roof	12,000,000.00	5,000,000.00	To be tendered Aug. 2, 2019	
3	Hanover	Gurney's Mount Primary	Address rat bat infestation, roof replacement on both buildings, doors and windows, repairs to sanitation and canteen, painting, contouring of land, electrical	8,000,000.00	4,000,000.00	To be tendered July 31, 2019	

REGION 4

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
4	Westmoreland	Manning's High	Construction of sewer disposal system	7,000,000.00	3,500,000.00	To be tendered July 30, 2019	
5	Westmoreland	Grange Hill High	Fencing of the school plant perimeter	2,900,000.00	1,450,000.00	To be tendered July 30, 2019	
6	Westmoreland	Seaford Town All Age & Infant	Renovation of roof to canteen and office building	1,500,000.00	1,500,000.00	Quotation to be returned July 31, 2019	

REGION 5

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
1	St. Elizabeth	Aberdeen High	Reconstruction of sanitary disposal system	8,000,000.00	4,000,000.00	Design to completed	Emergency, Public Health closure notice, Design being completed by NET
2	St. Elizabeth	Morningside Primary	Re-roofing of Administration Area & Installation of Windows to Classroom Block	2,000,000.00	2,000,000.00	Bid to be returned Aug. 2, 2019	

REGION 5

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
3	St. Elizabeth	Parottee Primary	Repairs to Sanitary disposal system	2,614,900.00	\$ 2,614,900.00	Completed	Work in hand
4	St. Elizabeth	Black River High	Completion of Electrical upgrade	1,500,000.00	1,500,000.00	Completed	Completed

REGION 6

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
1	Clarendon	Croft Hill Primary & Junior High	Emergency repairs to Students sanitary facility repairs to roof of administrative block	5,000,000.00	2,500,000.00	40% completed	Work in progress
2	Clarendon	Denbigh High	Construction of rubble stone wall and reinforce concrete block Wall	12,230,105.00	12,230,105.00	70% completed	Work in progress
3	Clarendon	Hayes Primary & Infant	Waterproofing of concrete roof slab	2,000,000.00	2,000,000.00	10% completed	Work in progress

REGION 6

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
4	Clarendon	Chapleton All Age	Repairs to roofs and electrical upgrade	5,000,000.00	2,500,000.00	Awaiting Regional Procurement Committee approval	
5	Clarendon	Beulah All Age	Emergency repairs to Students sanitary facility	6,066,985.00	3,000,000.00	Work commence July 29, 2019	
6	Clarendon	Kemps Hill High	Upgrading of electrical system	16,037,803.83	8,000,000.00	Bid to be returned July 31. 31, 2019	

REGION 6

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
7	Clarendon	Garvey Maceo High	Upgrading of electrical system	22,724,947.89	10,000,000.00	Bid to be returned July 31. 31, 2019	
8	Clarendon	Kilsyth Primary and Infant	Repairs to roof, Refurbishing of classroom blocks, waterproofing of roof, electrical repairs	3,500,000.00	3,500,000.00	Awaiting Regional Procurement Committee approval	
9	Clarendon	Auturs Seat All Age	Proposed Construction of IT/Computer Room	2,120,000.00	2,120,000.00	Project to be tendered Aug. 5, 2019	

REGION 6

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
10	St. Catherine	Spring Garden Primary	Repairs to Staircase, roof, and sanitary facilities	3,500,000.00	3,500,000.00	Work to commence July 30, 2019	
11	St. Catherine	St. Johns Primary	Upgrading of electrical system	15,000,000.00	7,500,000.00	Bid to be returned July 31. 31, 2019	
12	St. Catherine	Waterford High	Upgrading of electrical system	21,494,487.85	10,000,000.00	Bid to be returned July 31. 31, 2019	
13	St. Catherine	Greater Portmore High	Upgrading of electrical system	20,448,267.02	10,000,000.00	Bid to be returned July 31. 31, 2019	

REGION 6

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
10	St. Catherine	Spring Garden Primary	Repairs to Staircase, roof, and sanitary facilities	3,500,000.00	3,500,000.00	Work to commence July 30, 2019	
11	St. Catherine	St. Johns Primary	Upgrading of electrical system	15,000,000.00	7,500,000.00	Bid to be returned July 31. 31, 2019	
12	St. Catherine	Waterford High	Upgrading of electrical system	21,494,487.85	10,000,000.00	Bid to be returned July 31. 31, 2019	
13	St. Catherine	Greater Portmore High	Upgrading of electrical system	20,448,267.02	10,000,000.00	Bid to be returned July 31. 31, 2019	
14	St. Catherine	St. Jago High	Emergency electrical repairs	2,200,000.00	2,200,000.00	Completed	

REGION 6

No.	Parish	Name of School	Scope of Works	2019-2020 New Projects (\$)	Amount Disbursed (\$)	Project Status	Remarks
15	St. Catherine	Lluidas Vale Primary	Renovation of Timber building	8,000,000.00	4,000,000.00	10% completed	Work in progress
16	St. Catherine	St. Catherine	Repairs to roof and classroom block of Grade 4 & 5	6,063,000.00	3,000,000.00	40% completed	Work in progress
17	St. Catherine	Rose Hill Primary	Re- sheeting of grades 4 & 5 block roof and modification of existing area to create staff sanitary facility	4,541,542.00	2,250,000.00	80% completed	Work in progress
18	St. Catherine	Greatfull Hill Primary & Infant	Construction of rubble stone wall retaining wall	6,602,020.00	3,300,000.00	Work to commence July 30, 2019	

