Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.	1911.	*Enclosures*
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10

G.O., No. 199, 5th April 1911.

Elementary Schools.

Requesting the Director of Public Instruction to report whether any steps have been taken for giving manual training in —.

Government of Madras.

EDUCATIONAL DEPARTMENT.

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GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—the following papers:—

I

Memorandum No. 205-3, Educational, dated 13th February 1911.

A suggestion has been made that the Government might provide funds for supplying elementary schools with tools for manual instruction. The Director of Public Instruction is requested to report at a very early date whether a grant for such purposes is desirable and, if so, whether such grants should be made to all recognized elementary schools or only to schools under public management, and what would be the probable expenditure in either of these cases.

G. F. Paddison,
Deputy Secretary to Government.

To the Director of Public Instruction.

II

Letter—from the Hon'ble Mr. J. H. Stone, M.A., F.R.H.S., Acting Director of Public Instruction.
To—the Secretary to Government, Educational Department.
Dated—Madras, the 1st March 1911.
No.—R.C. No. 1013.

In reply to Government Memorandum No. 205-3, Educational, dated 13th February 1911, I have the honour to state that the only form of manual training (instruction) that seems practicable in the case of elementary schools is carpentry. The cost of equipping an elementary school for this would be considerable, since benches would have to be provided as well as tools. I have before me an estimate of the Bombay Educational Department which works out to Rs. 1,000 for 75 pupils. This implies a rather elaborate equipment, but I should doubt if a school could be equipped at all at a cost of less than Rs. 10 per pupil.

2. I beg to submit that the high initial cost and the impossibility of finding instructors forbid any attempt to introduce manual instruction all at once even in all elementary schools under public management.

3. Government have already approved of my proposal to sanction special grants to secondary schools particularly for manual training. I think the most that could be done at present would be either to allow such higher elementary schools as could provide accommodation and teachers to share in this grant or to give a similar small grant for elementary schools. I doubt if it could be possible to spend to advantage even as much as Rs. 5,000 in this way in the coming year.

Order—No. 199, Educational, dated 5th April 1911.

The Government have for some time past had under consideration a suggestion which was made to them to the effect that funds should be provided for supplying elementary schools with tools for manual instruction. The Government agree with the Director of Public Instruction whom they have consulted in the matter that there are several difficulties in introducing instructions in carpentry, which the Director of Public Instruction considers the only form of manual training which is practicable in elementary schools, as the apparatus required for the teaching of carpentry would be very expensive and as it would be difficult to get a sufficient number of qualified teachers possessing special training in carpentry.

2. The Government are, however, anxious that suitable instruction in manual training in some form should be given in elementary schools and would be glad to supply simple appliances for such instruction wherever necessary and advisable. The Government observe that in the introduction to the "Scheme of studies for elementary schools for boys", reference is made to the necessity for preparing lists of suitable manual occupations for elementary schools. The Director of Public Instruction will be requested to state whether such lists have been drawn up and, if so, to submit copies of them for the information of Government. The Director of Public Instruction will also be requested to report whether effect has been given to the instructions in the same pamphlet that in all stages attention should be paid to the training of the hand and eye by manual occupation in close relation to the subjects taught.

3. From the extract given from Mr. Yates's report in paragraph 78 of the Public Instruction Report for the quinquennium ending the 31st March 1907, it would appear that school gardens have been introduced in Vizagapatam district. The Director of Public Instruction will be requested to report whether similar gardens could not be established with advantage in other districts.

(True Extract.)

L. Davidson,
Ag. Secretary to Government.

To the Director of Public Instruction.
,, Hon'ble Mr. T. V. Seshagiri Aiyar with C.L.
,, Local and Municipal Department.
,, Financial Department.
Editors' Table (order only).

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 199, EDUCATIONAL, DATED 5TH APRIL 1911.

[SUBJECT.—*Manual Training in Elementary schools.*]

Extract from the proceedings of the meeting of the Finance Committee held on the 20th and 23rd January 1911.

Paragraph 31 on page 7 of the report.

"Mr. Seshagiri Aiyar asked whether the Government who had erected a "number of buildings for elementary "schools would provide funds for supply-"ing the schools with tools for manual instruction. He thought that the amount "required would not exceed Rs. 15,000.

"The Chairman replied that the matter would be noted and the Director of "Public Instruction would be asked about it. They could easily make a grant to "Local Boards for the purpose."

Draft reference to the Director of Public Instruction submitted for approval.

T.K.—11-2-11.

K. RANGASWAMI AIYANGAR—11-2-11.

Issue.

G. F. PADDISON—13-2-11.

[Memorandum No. 205-3, Educational, dated 13th February 1911.]

From the Director of Public Instruction, dated 1st March 1911, *R.C. No.* 1013.

In Memorandum No. 205-3, Educational, dated 13th February 1910, the Director of Public Instruction was requested to report whether a grant for supplying elementary schools with tools for manual instruction was desirable and if so, whether such grant should be made to all recognized elementary schools or only to schools under public management and what would be the probable expenditure in either of these cases.

2. The Director of Public Instruction now submits his reply. He does not refer to the question whether a grant to elementary schools for providing stools for manual instruction is desirable or not, but states that the only form of manual training (instruction) that seems practicable in the case of elementary schools is carpentry and that the cost of equipping elementary schools for this would be considerable, since benches and tools would have to be provided. He doubts if a school could be equipped at all at a cost of less than Rs. 10 per pupil, and he submits that the high initial cost and the impossibility of finding instructors forbid any attempt to introduce manual instruction all at once even in all elementary schools under public management.

3. He thinks that the most that could be done at present would be either to allow such higher elementary schools as could provide accommodation and teachers to share in the special grant which it is proposed to pay to secondary schools particularly for manual training or to give a similar small grant for elementary schools. If a separate grant is to be given for elementary schools, the Director doubts whether it would be possible to spend to advantage even as much as Rs. 5,000 in the coming year.

T.K.—7-3-11.

Please put up the Government Order about manual training in secondary schools referred to by the Director of Public Instruction.

G. F. Paddison—7-3-11.

Submitted that there is no Government Order on the subject of manual training in secondary schools. The Director of Public Instruction apparently refers to the proposal, which he made in connection with the utilization of Provincial balances and which the Government have approved, namely:—that a sum of Rs. 50,000 be allotted from the Provincial balances for the payment of special grants to secondary schools which are willing to make provision for teaching manual training, typewriting, botany, practical mathematics, dress-making and music in connection with the secondary school leaving certificate scheme. The Director of Public Instruction said that, in the distribution of the above grant of Rs. 50,000, schools willing to provide manual training would receive preference—*vide* item 5 in the statement of objects of non-recurring expenditure, furnished by the Director of Public Instruction, which is printed on page 5 of the budget notes regarding the utilization of Provincial balances. A grant of Rs. 50,000 has been allotted for this purpose in the budget estimate for 1911-1912, and this is included in the sum of Rs. 1,20,000 provided for "Grants for furniture, apparatus and other special objects"—under 22-G. Grants-in-aid in the budget for 1911-1912.

Page 142 of the Civil Budget Estimate.

T.K.—8-3-11.

Manual training ("manual occupations") is not mentioned separately as one of the subjects of instruction in elementary schools, but it is open to any manager to give instruction in this subject, with reference to the actual local needs. Mr. Stone considers that the high initial cost and the impossibility of finding instructors forbid any attempt to introduce manual instruction all at once even in elementary schools under public management.

Vide paragraph 6 of the scheme of studies for elementary schools; also paragraph 1.

K. Rangaswami Aiyangar—9-3-11.

Manual training is an optional subject in Bombay (as an alternative for object lessons in science), in Bengal and Eastern Bengal, in Burma, and in urban schools only in the Central Provinces and Berar. The instruction in manual work is given in other Provinces. If manual training is to be a regular optional subject in this Presidency, it would seem worth while to find out what form the training taken in the Provinces which already have adopted it.

In Madras up to now it appears to have been deliberately omitted as a separate subject. "Manual occupations have not been separately enumerated among the subjects of instruction. This omission is intentional . . . . It is hoped that in all stages attention will be paid to the training of hand and eye by manual occupation in close relation to the various subjects of instruction." It is stated on page 3 of the scheme of studies above quoted that lists of suitable manual occupations are required, but it would not appear from the Director of Public Instruction's present letter that these lists have been drawn up. Drawing itself, a form of manual training, is a compulsory subject. Clay modelling of maps in relief is recommended as a method of teaching geography, and Mr. Yates is quoted in the last quinquennial report as saying that these maps in relief are common in the schools. He also mentions the school gardens, and says that in Vizagapatam district and in some taluks of other districts complete sets of graden tools have been provided from the recurring grant.

Page 13 of scheme of studies for elementary schools.

It is submitted therefore that it has been the deliberate policy of the educational department not to have special training in carpentry or any other form of manual training, and it is submitted that the department has been right. Quite enough subjects are taught already without introducing a special carpentry class, which would be very expensive, and would require instructors or at all events special training for the teachers.

If this is approved the Director of Public Instruction may be informed that Government see no reason to depart from the policy already laid down, but would like to know what effect is being given to the policy of combining manual training with the other subjects of instruction: and the Government would be prepared to make a grant towards any appliances which may be necessary for carrying out this policy.

G. F. Paddison—10-3-11.

I quite agree that carpentry is not a subject for elementary schools. The apparatus is very expensive and teachers not procurable.

I should like to know whether lists of suitable manual occupations have been drawn up.

I should also like to know if the Director thinks the system of gardens apparently a more or less successful experiment in Vizagapatam could be extended elsewhere.

Government will be anxious to supply simple tools wherever necessary and advisable.

M. H[ammick]—13-3-11.

G. F. Paddison—14-3-11.

A draft order is submitted for approval.

T.K.—31-3-11.

K. Rangaswami Aiyangar—2-4-11.

Please type as revised.

G. F. Paddison—4-4-11.

Draft as revised is typed and submitted.

T.K.—5-4-11.

Issue.

G. F. Paddison—5-4-11.

[G.O., No. 199, Educational, dated 5th April 1911.]

Educational Department.

C.No.463, From the Director of Public Instruction, No.1013, d/1-3-1911.

-:-:-:-:-:-

ORDER:- No 19995. 4. 11
P.S.

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The Government have for some time past had under consideration a suggestion which was made to them to the effect that funds should be provided for supplying elementary schools with tools for manual instruction. The Government agree with the Director of Public Instruction whom they have consulted in the matter that there are several difficulties in introducing instructions in carpentry, which the Director of Public Instruction considers the only form of manual training which is practicable in elementary schools, as the apparatus required for the teaching of carpentry would be very expensive and as it would be difficult to get a sufficient number of qualified teachers possessing special training in carpentry.

Desk 7/9
5/4

2. The Government are however anxious that suitable instruction in manual training in some form should be given in elementary schools and would be glad to supply simple

appliances

appliances for such instruction wherever ~~xxxx~~ necessary and advisable. The Government observe that in the introduction to the "scheme of studies for elementary schools for boys", reference is made to the necessity for preparing lists of suitable manual occupations for elementary schools. The Director of Public Instruction will be requested to state whether such lists have been drawn up and if so ~~xxx~~ to submit copies of them for the information of Government . The Director of Public Instruction will also be requested to report whether effect has been given to the instructions in the same pamphlet that in all stages attention should be paid to the training of the hand and eye by manual occupation in close relation to the subjects taught.

Page 3 of the book

3. From the extract given from Mr. Yates's report in paragraph 78 of the Public Instruction Report for the quinquennium ending the 31st March 1907, it would appear that school gardens have been introduced in Vizagapatam district. The Director of Public Instruction will be requested to report whether similar gardens could not be established with

Page 33 of the report

with advantage in other districts.

G.F.P.
4-4-11.

To
The D.P.I.
,, Hon'ble Mr. T.V.Seshagiri Aiyar.
with C.L.
,, L & M Deptt.
,, Finl. Deptt.
,, Editors' Table (over only)

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EDUCATIONAL / ~~LEGISLATIVE~~ DEPARTMENT.

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