

# Elementary STEM/Student

Nguyễn Quân Bá Hồng\*

January 31, 2023

## Abstract

A list of my students & those who are no longer. A personal survey on psychological perspective of teaching & learning STEM. The latest version of this text has been stored & downloadable at the following link: [GitHub/NQBH/hobby/STEM/student](https://github.com/NQBH/hobby/STEM/student)<sup>1</sup>.

## Contents

<b>1</b>	<b>Elementary Mathematics</b>	<b>2</b>
1.1	Grade 6	2
1.2	Grade 7	4
1.3	Grade 8	4
1.4	Grade 9	5
1.5	Grade 10	5
1.6	Grade 11	5
1.7	Grade 12	5
<b>2</b>	<b>Elementary Physics</b>	<b>5</b>
2.1	Grade 8	5
2.2	Grade 10	5
2.3	Grade 11	5
2.4	Grade 12	5
<b>3</b>	<b>Elementary Chemistry</b>	<b>5</b>
3.1	Grade 8	6
3.2	Grade 10	6
3.3	Grade 11	6
3.4	Grade 12	6
<b>4</b>	<b>Elementary Computer Science: Programming-Focused</b>	<b>6</b>
4.1	Grade 8	6
4.2	Grade 10	6
4.3	Grade 11	6
4.4	Grade 12	7
<b>5</b>	<b>Elementary Natural Science</b>	<b>7</b>
5.1	Grade 7	7
<b>6</b>	<b>Linguistics/English</b>	<b>7</b>

---

\*Independent Researcher, Ben Tre City, Vietnam

e-mail: [nguyenquanbahong@gmail.com](mailto:nguyenquanbahong@gmail.com); website: <https://nqbh.github.io>.

<sup>1</sup>URL: [https://github.com/NQBH/hobby/blob/master/STEM/student/NQBH\\_elementary\\_STEM\\_student.pdf](https://github.com/NQBH/hobby/blob/master/STEM/student/NQBH_elementary_STEM_student.pdf).

## Initialization

- NQBH's STEM schedule: [GitHub/NQBH/hobby/schedule<sup>2</sup>](https://github.com/NQBH/hobby/blob/master/schedule/NQBH_schedule.pdf).
- NQBH's STEM rule: [GitHub/NQBH/hobby/STEM/rule<sup>3</sup>](https://github.com/NQBH/hobby/blob/master/STEM/rule/NQBH_STEM_rule.pdf).
  - Pay tuition fee each *10-day period*. Reason: Easy to divide by 10 instead of 8–14 if 2–3 days/week.
  - Expel thieves immediately & permanently.
- **Convention.** • := paid. ○ := have not paid yet.

## 1 Elementary Mathematics

### 1.1 Grade 6

Jul 25, 27, 29; Aug 1, 3, 5, 8, 10, 12, 15 • 17, 19, 22, 24, 26, 29; Sep 6, 8, 13, 15 • 20, 22, 27, 29; Oct 4, 6, 11, 13, 18, 20 • 25, 27; Nov 1, 3, 22, 24, 29; Dec 1, 6, 8 • 13, 15, 20, 22, 25; Jan 3, 5, 10, 12; Feb • 2022.

1. NGUYỄN THỊ KIM ANH. [In] Jul 25, 2022.

- Paid tutor fee. Aug, Sep, Oct, Nov, 2022; Jan 2023.

2. NGUYỄN HÀ NHỰT ANH. [In] Aug 24, 2022. [Re-In] Oct 15, 2022.

- Paid tutor fee. Sep, Oct, Nov, 2022.

3. ĐỖ HOÀNG GIA BẢO. [In] Sep 22, 2022.

- Paid tutor fee. Sep, Oct, Nov, 2022.

4. TRẦN GIA BẢO. [In] Jul 25, 2022. [Out] Sep 27, 2022.

- Paid tutor fee. Aug, Sep, 2022.

5. LÊ DUYÊN MINH CHÂU. [In] Jul 25, 2022. [Out] Aug 29, 2022.

- Paid tutor fee. Aug, 2022.

6. NGUYỄN TÂM ĐẮC. [In] Jul 25, 2022.

- Paid tutor fee. Aug, Sep, Oct, Nov, 2022; Jan 2023.

7. NGUYỄN HỮU HIẾU. [In] Jul 25, 2022. [Out] Nov 1, 2022.

- Paid tutor fee. Aug, Sep, Oct, 2022.

8. NGUYỄN HOÀNG BẢO LAM. [In] Jul 25, 2022.

- Paid by food/noodles discounts.

9. TRẦN VĂN PHÁT LỘC. [In] Jan 31, 2023.

- Paid tutor fee. Feb, 2023.

10. NGÔ NGUYỄN PHƯƠNG NGHI. [In] Jul 25, 2022.

- Paid tutor fee. Aug, Sep, Oct, Nov, 2022.

11. ĐỖ NGUYỄN BẢO NGỌC. [In] Sep 27, 2022.

- Paid tutor fee. Oct, Nov, 2022.

12. ĐÀM KHÁNH NGỌC. [In] Oct 18, 2022.

- Paid tutor fee. Nov, Dec, 2022.

<sup>2</sup>URL: [https://github.com/NQBH/hobby/blob/master/schedule/NQBH\\_schedule.pdf](https://github.com/NQBH/hobby/blob/master/schedule/NQBH_schedule.pdf).

<sup>3</sup>URL: [https://github.com/NQBH/hobby/blob/master/STEM/rule/NQBH\\_STEM\\_rule.pdf](https://github.com/NQBH/hobby/blob/master/STEM/rule/NQBH_STEM_rule.pdf).

- Personality. Introverted.
- Reward. 60k mua trà sữa (#3 score mid-term exam, #1 score final-term exam).
- Score. **DKN's 1st semester.**

13. NGUYỄN NHƯ NGỌC. [In] Jul 25, 2022.

- Paid tutor fee. Aug, Sep, Oct, Nov, 2022; Jan 2023.
- Personality. Introverted.
- Reward. 1-euro coin (#1 score mid-term exam), 60k mua trà sữa (#2 score final-term exam).
- Score. **NNN's 1st semester.**<sup>4</sup>

14. NGUYỄN BÌNH NGUYỄN. [In] Jul 25, 2022. [Out] Sep 20, 2022.

- Paid tutor fee. Aug, 2022.

15. LÊ TRỌNG NHÂN. [In] Jul 25, 2022.

- Paid tutor fee. Aug, Sep, Oct, Nov, Dec, Jan, 2022.

16. TRẦN NGỌC NHI. [In] Jul 25, 2022. [Out] Dec 6, 2022.

- Paid tutor fee. Aug, Sep, Oct, Nov, 2022.

17. NGUYỄN NGỌC THU NHIÊN. [In] Jul 25, 2022. [Out] Sep 20, 2022.

- Paid tutor fee. Aug, 2022.

18. VÕ LÂM QUỲNH NHƯ. [In] Jul 25, 2022.

- Paid tutor fee. Aug, Sep, Oct, Nov 2022; Jan 2023.
- Reward. 30k mua trà sữa (#1 score mid-term exam).

19. ĐÀO MINH HỒNG PHÁT. [In] Jul 25, 2022.

- Paid tutor fee. Aug, Sep, Oct, Nov, 2022.

20. NGUYỄN HỮU PHÁT. [In] Aug 1, 2022.

- Paid tutor fee. Aug, Sep, Oct, Nov, 2022.

21. NGUYỄN KHÁNH PHƯƠNG. [In] Jan 31, 2023.

- Paid tutor fee. 2023.

22. PHAN TẤN QUÂN. [In] Jul 25, 2022. [Out] Aug 25, 2022.

- Paid tutor fee. Aug, 2022.

23. TRƯƠNG KHÁNH QUỲNH. [In] Aug 3, 2022. [Out] Aug 5, 2022.

24. NGUYỄN THỊ BẢO THỊ. [In] Jul 25, 2022. [Out] Dec 8, 2022.

- Paid tutor fee. Aug, Sep, Oct, Nov, 2022.

25. PHAN NGUYỄN ANH THƠ. [In] Aug 5, 2022. [Out] Sep 8, 2022.

- Paid tutor fee. Aug, 2022.

26. ĐÀO NGỌC QUẾ TRẦN. [In] Jul 25, 2022.

- Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
- Personality. Extroverted, noisy, loud, extremely love strong stimulation.

27. NGUYỄN NGỌC THÙY TRÂM. [In] Aug 3, 2022. [Out] Sep 8, 2022.

- Paid tutor fee. Aug, 2022.

---

<sup>4</sup>The abbreviation of her name should not be confused with No Nut November.

28. LÊ PHƯƠNG TRINH. [In] Jul 25, 2022. [Out] Nov 22, 2022.

- Paid tutor fee. Aug, Sep, 2022.
- Personality. Self-centric.

29. LÊ THANH TRÚC. [In] Aug 26, 2022. [Pause]

- Paid tutor fee. Sep, 2022.

30. TRẦN NGỌC CẨM TÚ. [In] Sep 27, 2022. [Out, Expelled Permanently]: Nov 24, 2022.

- Paid tutor fee. Oct, 2022.

31. TRẦN THỊ THÚY VY. [In] Sep 13, 2022. [Out] Dec 8, 2022.

- Paid tutor fee. Oct, Nov, 2022.

32. NGUYỄN LÊ TƯỜNG VY. [In] Aug 10, 2022. [Out] Dec 1, 2022.

- Paid tutor fee. Aug, Sep, Oct, 2022.

## 1.2 Grade 7

1. ĐỖ THỊ THÙY DƯƠNG. [In] Aug 13, 16, 20, 23, 25, 27, 30; Sep 1, 3, 18 • 19, 25, 26; Oct 2, 3, 9, 10, 16, 17, 23 • 24, 30, 31; Nov 6, 7, 13, 14, 20, 21, 27 • 28; Dec 4, 5, 11, 12, 18, 19; Jan 8, 9, 30; Feb 2022.
2. LÊ TIẾN ĐẠT. [In] Sep 18, 19, 25, 26; Oct 2, 3, 9, 10, 16, 17 • 23, 24, 30, 31; Nov 6, 7, 13, 14, 20, 21 • 27, 28; Dec 4, 5, 11, 12, 18, 19; Jan 8, 9 • 30; Feb 2022.
3. TRẦN NGỌC THÚY QUYÊN. [In] Sep 18, 19, 25, 26; Oct 2, 3, 9, 10, 16, 17 • 23, 24, 30, 31; Nov 6, 7, 13, 14, 20, 21 • 27, 28; Dec 4, 5, 11, 12, 18, 19; Jan 8, 9 • 30; Feb 2022.
  - Personality. Seems to be a (semi-)perfectionist wannabe (?).
  - Reward. 120k mua trà sữa (#1 class).
  - Score. **TNTQ's 1st semester.**
4. PHẠM HỮU NHÂN. [In] Oct 10, 16, 17, 23, 24, 30, 31; Nov 6, 7, 13 • 14, 20, 21, 27, 28; Dec 4, 5, 11, 12, 18 • 19; Jan 8, 9, 30; Feb 2022.
5. ĐÀM TRUNG TÍN. [In] Aug 2, 4, 6, 9, 11, 13, 16, 20, 23, 25 • 27, 30; Sep 1, 3, 18, 19, 25, 26; Oct 2, 3 • 9, 10, 16, 17, 23, 24, 30, 31; Nov 6, 7 • 13, 14, 20, 21, 27, 28; Dec 4, 5, 11, 12 • 18, 19; Jan 8, 9, 30; Feb 2022. [330k]

## 1.3 Grade 8

1. BÙI QUỐC DŨNG. [In] Oct 1, 2, 7, 9, 14, 23, 2022. [Out] Oct 28, 2022.
2. NGUYỄN NGỌC MỸ DUYÊN. [In] Oct 1, 2, 9, 10, 14, 16, 23, 30; Nov 6, 13 • 20, 27; Dec 4, 11, 18, 23, 25; Jan 8, 2022.
3. PHAN ĐẶNG TUYẾT HỒNG. [In] Oct 9, 10, 14, 16, 23, 30; Nov 6, 13, 20, 27 • Dec 4, 11, 18, 23, 25; Jan 8, 2022.
  - Paid tutor fee. Daily.
4. TRẦN KHÁNH MY. [In] Oct 1, 2, 7, 9, 14, 16, 21, 23, 28, 30 • Nov 4, 6, 11, 13, 18, 20, 27; Dec 2, 4, 11 • 16, 18, 23, 25; Jan 8, 2022.
5. HUỖNH LÊ PHÚ. [In] Oct 2, 7, 9, 14, 16, 21, 23, 28, 30; Nov 4 • 6, 11, 13, 18, 20, 27; Dec 2, 4, 11, 16 • 18, 23, 25; Jan 8, 2022.
6. ĐỖ KIM PHỤNG. [In] Oct 1, 2, 9, 10, 14, 16, 23, 30; Nov 6, 13 • 20, 27; Dec 4, 11, 18, 25, 8, 2022.
7. ĐƯỜNG NGỌC ANH THƯ. [In] Oct 7, 9, 14, 16, 21, 23, 28, 30; Nov 4, 6 • 11, 13, 18, 20, 27; Dec 2, 4, 11, 16, 18 • 23, 25; Jan 8, 2022.
8. TRƯƠNG HỒ YẾN QUỲNH. [In] Aug 5, 2022. [Out].

## 1.4 Grade 9

1. PHẠM CÔNG ĐẠT. [In] Jun 21, 2022. [Out] Jun 23, 2022.

## 1.5 Grade 10

1. NGÔ THỊ HUỲNH NHƯ. [In] Sep 14, 16, 28, 30; Oct 7, 12, 19, 20, 21, 28 • Nov 2, 3, 10, 14, 17, 24 • 2022. [Pause]
2. ĐÀM THỊ QUỲNH NHƯ. [In] Aug 9, 12, 14, 16, 21, 23, 26, 30; Sep 11, 14 • 16, 21, 28, 30; Oct 3, 7, 10, 12, 19, 20 • 21, 24, 28, 31; Nov 2, 3, 10, 14, 17, 24 • 2022. [Pause]

## 1.6 Grade 11

1. NGUYỄN THỊ NGỌC NHI. [In] Aug 4, 6, 9, 11, 13, 16, 18, 20, 23, 27 • Sep 8, 15, 17, 22, 23, 29, 30; Oct 8, 13, 31 • Dec 1, 8, 15, 26, 2022.

## 1.7 Grade 12

1. ĐỖ THÀNH LỢI. [In] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13; Dec 4, 2022.
2. TRẦN ĐỨC THỊNH. [In] Sep 27; Oct 12, 2022.
3. DU HOÀNG TÚ. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 • 30; Dec 6, 2022.

# 2 Elementary Physics

## 2.1 Grade 8

1. BÙI QUỐC DŨNG. [In] Oct 1, 2, 7, 9, 14, 23, 2022. [Out] Oct 28, 2022.
2. PHAN DẠNG TUYẾT HỒNG. [In] Oct 9, 10, 14, 16, 23, 30; Nov 6, 13, 20, 27 • Dec 4, 11, 18, 23, 25; Jan 8, 2022.
3. NGUYỄN NGỌC MỸ DUYÊN. [In] Oct 1, 2, 9, 10, 14, 16, 23, 30; Nov 6, 13 • 20, 27; Dec 4, 11, 18, 23, 25; Jan 8, 2022.
4. TRẦN KHÁNH MY. [In] Oct 1, 2, 7, 9, 14, 16, 21, 23, 28, 30 • Nov 4, 6, 11, 13, 18, 20, 27; Dec 2, 4, 11 • 16, 18, 23, 25; Jan 8, 2022.
5. HUỲNH LÊ PHÚ. [In] Oct 2, 7, 9, 14, 16, 21, 23, 28, 30; Nov 4 • 6, 11, 13, 18, 20, 27; Dec 2, 4, 11, 16 • 18, 23, 25; Jan 8, 2022.
6. ĐƯỜNG NGỌC ANH THƯ. [In] Oct 7, 9, 14, 16, 21, 23, 28, 30; Nov 4, 6 • 11, 13, 18, 20, 27; Dec 2, 4, 11, 16, 18 • 23, 25; Jan 8, 2022.

## 2.2 Grade 10

1. NGÔ THỊ HUỲNH NHƯ. [In] Sep 14, 16, 28, 30; Oct 7, 12, 19, 20, 21, 28 • Nov 2, 3, 10, 14, 17, 24 • 2022. [Pause]
2. ĐÀM THỊ QUỲNH NHƯ. [In] Aug 9, 12, 14, 16, 21, 23, 26, 30; Sep 11, 14 • 16, 21, 28, 30; Oct 3, 7, 10, 12, 19, 20 • 21, 24, 28, 31; Nov 2, 3, 10, 14, 17, 24 • 2022. [Pause]

## 2.3 Grade 11

1. NGUYỄN THỊ NGỌC NHI. [In] Aug 4, 6, 9, 11, 13, 16, 18, 20, 23, 27 • Sep 8, 15, 17, 22, 23, 29, 30; Oct 8, 13, 31 • Dec 1, 8, 15, 26, 2022.

## 2.4 Grade 12

1. ĐỖ THÀNH LỢI. [In] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13, 2022.
2. DU HOÀNG TÚ. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 • 30; Dec 6, 2022.

# 3 Elementary Chemistry

Elementary Chemistry with mathematical-chemistry-focused problems.

### 3.1 Grade 8

1. BÙI QUỐC DŨNG. [In] Oct 1, 2, 7, 9, 14, 23, 2022. [Out] Oct 28, 2022.
2. NGUYỄN NGỌC MỸ DUYÊN. [In] Oct 1, 2, 9, 10, 14, 16, 23, 30; Nov 6, 13 o 20, 27; Dec 4, 11, 18, 23, 25; Jan 8, 2022.
3. PHAN ĐẶNG TUYẾT HỒNG. [In] Oct 9, 10, 14, 16, 23, 30; Nov 6, 13, 20, 27 • Dec 4, 11, 18, 23, 25; Jan 8, 2022.
4. TRẦN KHÁNH MY. [In] Oct 1, 2, 7, 9, 14, 16, 21, 23, 28, 30 • Nov 4, 6, 11, 13, 18, 20, 27; Dec 2, 4, 11 • 16, 18, 23, 25; Jan 8, 2022.
5. HUỖNH LÊ PHÚ. [In] Oct 2, 7, 9, 14, 16, 21, 23, 28, 30; Nov 4 • 6, 11, 13, 18, 20, 27; Dec 2, 4, 11, 16 • 18, 23, 25; Jan 8, 2022.
6. ĐƯỜNG NGỌC ANH THƯ. [In] Oct 7, 9, 14, 16, 21, 23, 28, 30; Nov 4, 6 • 11, 13, 18, 20, 27; Dec 2, 4, 11, 16, 18 • 23, 25; Jan 8, 2022.

### 3.2 Grade 10

1. NGÔ THỊ HUỖNH NHƯ. [In] Sep 14, 16, 28, 30; Oct 7, 12, 19, 20, 21, 28 • Nov 2, 3, 10, 14, 17, 24 • 2022. [Pause]
2. ĐÀM THỊ QUỖNH NHƯ. [In] Aug 9, 12, 14, 16, 21, 23, 26, 30; Sep 11, 14 • 16, 21, 28, 30; Oct 3, 7, 10, 12, 19, 20 • 21, 24, 28, 31; Nov 2, 3, 10, 14, 17, 24 • 2022. [Pause]

### 3.3 Grade 11

1. NGUYỄN THỊ NGỌC NHI. [In] Aug 4, 6, 9, 11, 13, 16, 18, 20, 23, 27 • Sep 8, 15, 17, 22, 23, 29, 30; Oct 8, 13, 31 • Dec 1, 8, 15, 26, 2022.

### 3.4 Grade 12

1. ĐỖ THÀNH LỢI. [In] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13, 2022.
2. DU HOÀNG TÚ. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 • 30; Dec 6, 2022.

## 4 Elementary Computer Science: Programming-Focused

Pascal, Python, C/C++.

### 4.1 Grade 8

1. BÙI QUỐC DŨNG. [In] Oct 1, 2, 7, 9, 14, 23, 2022. [Out] Oct 28, 2022.
2. NGUYỄN NGỌC MỸ DUYÊN. [In] Oct 1, 2, 9, 10, 14, 16, 23, 30; Nov 6, 13 o 20, 27; Dec 4, 11, 18, 23, 25; Jan 8, 2022.
3. TRẦN KHÁNH MY. [In] Oct 1, 2, 7, 9, 14, 16, 21, 23, 28, 30 • Nov 4, 6, 11, 13, 18, 20, 27; Dec 2, 4, 11 • 16, 18, 23, 25; Jan 8, 2022.
4. HUỖNH LÊ PHÚ. [In] Oct 2, 7, 9, 14, 16, 21, 23, 28, 30; Nov 4 • 6, 11, 13, 18, 20, 27; Dec 2, 4, 11, 16 • 18, 23, 25; Jan 8, 2022.
5. ĐƯỜNG NGỌC ANH THƯ. [In] Oct 7, 9, 14, 16, 21, 23, 28, 30; Nov 4, 6 • 11, 13, 18, 20, 27; Dec 2, 4, 11, 16, 18 • 23, 25; Jan 8, 2022.

### 4.2 Grade 10

1. NGÔ THỊ HUỖNH NHƯ. [In] Sep 14, 16, 28, 30; Oct 7, 12, 19, 20, 21, 28 • Nov 2, 3, 10, 14, 17, 24 • 2022. [Pause]
2. ĐÀM THỊ QUỖNH NHƯ. [In] Aug 9, 12, 14, 16, 21, 23, 26, 30; Sep 11, 14 • 16, 21, 28, 30; Oct 3, 7, 10, 12, 19, 20 • 21, 24, 28, 31; Nov 2, 3, 10, 14, 17, 24 • 2022. [Pause]

### 4.3 Grade 11

1. NGUYỄN THỊ NGỌC NHI. [In] Aug 4, 6, 9, 11, 13, 16, 18, 20, 23, 27 • Sep 8, 15, 17, 22, 23, 29, 30; Oct 8, 13, 31 • Dec 1, 8, 15, 26, 2022.

## 4.4 Grade 12

1. ĐỖ THÀNH LỢI. [In] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13, 2022.
2. DU HOÀNG TÚ. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 • 30; Dec 6, 2022.

## 5 Elementary Natural Science

### 5.1 Grade 7

1. LÊ TIẾN ĐẠT. [In] Sep 18, 19, 25, 26; Oct 2, 3, 9, 10, 16, 17 • 23, 24, 30, 31; Nov 6, 7, 13, 14, 20, ~~21~~ • 27, 28; Dec 4, 5, 11, 12, 18, 19; Jan 8, 9 • ~~30~~; Feb 2022.
2. TRẦN NGỌC THÚY QUYÊN. [In] Sep 18, 19, 25, 26; Oct 2, 3, 9, 10, 16, 17 • 23, 24, 30, 31; Nov 6, 7, 13, 14, 20, 21 • 27, 28; Dec 4, 5, 11, 12, 18, 19; Jan 8, 9 • 30; Feb 2022.
3. ĐÀM TRUNG TÍN. [In] Aug 2, 4, 6, 9, 11, 13, 16, 20, 23, 25 • 27, 30; Sep 1, 3, 18, 19, 25, 26; Oct 2, 3 • 9, 10, 16, 17, 23, 24, 30, 31; Nov 6, 7 • 13, 14, 20, 21, 27, 28; Dec 4, 5, 11, 12 • 18, 19; Jan 8, 9, 30; Feb 2022. [330k]

## 6 Linguistics/English

1. NGÔ THỊ HUỲNH NHƯ. [In] Sep 14, 16, 28, 30; Oct 7, 12, 19, 20, 21, 28 • Nov 2, 3, 10, 14, 17, 24 • 2022. [Pause]
2. ĐÀM THỊ QUỲNH NHƯ. [In] Aug 9, 12, 14, 16, 21, 23, 26, 30; Sep 11, 14 • 16, 21, 28, 30; Oct 3, 7, 10, 12, 19, 20 • 21, 24, 28, 31; Nov 2, 3, 10, 14, 17, 24 • 2022. [Pause]