# Elementary STEM/Student

Nguyễn Quản Bá Hồng\*

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#### 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:  $GitHub/NQBH/hobby/STEM/student^1$ .

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<sup>\*</sup>Independent Researcher, Ben Tre City, Vietnam

e-mail: nguyenquanbahong@gmail.com; website: https://nqbh.github.io.

<sup>&</sup>lt;sup>1</sup>URL: 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>.
- NQBH's STEM rule: GitHub/NQBH/hobby/STEM/rule<sup>3</sup>.
  - 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.  $\circ :=$  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, 27, 29, 2022.

- 1. NGUYỄN THỊ KIM ANH. [In] Jul 25, 2022.
  - Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
- 2. NGUYỄN HÀ NHỰT ANH. [In] Aug 24, 2022. [Re-In] Oct 15, 2022.
  - Paid tutor fee. Sep, Oct, 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.
- 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. NGÔ NGUYỄN PHƯƠNG NGHI. [In] Jul 25, 2022.
  - Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
- 10. Đỗ NGUYỄN BẢO NGỌC. [In] Sep 27, 2022.
  - Paid tutor fee. Oct, Nov, 2022.
- 11. ĐÀM KHÁNH NGỌC. [In] Oct 18, 2022.
  - Paid tutor fee. Nov, Dec, 2022.
  - Personality. Introverted.
- 12. NGUYỄN NHƯ NGỌC. [In] Jul 25, 2022.

 $<sup>^2 \</sup>tt URL: \ https://github.com/NQBH/hobby/blob/master/schedule/NQBH\_schedule.pdf.$ 

 $<sup>^3\</sup>mathrm{URL}$ : https://github.com/NQBH/hobby/blob/master/STEM/rule/NQBH\_STEM\_rule.pdf.

- Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
- Personality. Introverted.
- Reward. 1-euro coin (highest score mid-term exam grade 6).
- 13. NGUYỄN BÌNH NGUYÊN. [In] Jul 25, 2022. [Out] Sep 20, 2022.
  - Paid tutor fee. Aug, 2022.
- 14. LÊ TRỌNG NHÂN. [In] Jul 25, 2022.
  - Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
- 15. TRẦN NGỌC NHI. [In] Jul 25, 2022. [Out] Dec 6, 2022.
  - Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
- 16. NGUYỄN NGỌC THU NHIÊN. [In] Jul 25, 2022. [Out] Sep 20, 2022.
  - Paid tutor fee. Aug, 2022.
- 17. VÕ LÂM QUỲNH NHƯ. [In] Jul 25, 2022.
  - Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
- 18. Đào Minh Hồng Phát. [In] Jul 25, 2022.
  - Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
- 19. NGUYỄN HỮU PHÁT. [In] Aug 1, 2022.
  - Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
- 20. PHAN TẤN QUÂN. [In] Jul 25, 2022. [Out] Aug 25, 2022.
  - Paid tutor fee. Aug, 2022.
- 21. TRƯƠNG KHÁNH QUỲNH. [In] Aug 3, 2022. [Out] Aug 5, 2022.
- 22. NGUYỄN THỊ BẢO THI. [In] Jul 25, 2022. [Out] Dec 8, 2022.
  - Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
- 23. Phan Nguyễn Anh Thơ. [In] Aug 5, 2022. [Out] Sep 8, 2022.
  - Paid tutor fee. Aug, 2022.
- 24. Đào Ngọc Quế Trân. [In] Jul 25, 2022.
  - Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
  - Personality. Extroverted, noisy, loud, extremely love strong stimulation.
- 25. NGUYỄN NGỌC THÙY TRÂM. [In] Aug 3, 2022. [Out] Sep 8, 2022.
  - Paid tutor fee. Aug, 2022.
- 26. LÊ PHƯƠNG TRINH. [In] Jul 25, 2022. [Out] Nov 22, 2022.
  - Paid tutor fee. Aug, Sep, 2022.
  - Personality. Self-centric.
- 27. LÊ THANH TRÚC. [In] Aug 26, 2022. [Pause]
  - Paid tutor fee. Sep, 2022.
- 28. TRẦN NGỌC CẨM TÚ. [In] Sep 27, 2022. [Out, Expelled Permanently]: Nov 24, 2022.
  - Paid tutor fee. Oct, 2022.
- 29. TRẦN THỊ THÚY VY. [In] Sep 13, 2022. [Out] Dec 8, 2022.
  - Paid tutor fee. Oct, Nov, 2022.
- 30. NGUYỄN LÊ TƯỜNG VY. [In] Aug 10, 2022. [Out] Dec 1, 2022.
  - Paid tutor fee. Aug, Sep, Oct, 2022.

# 1.2 Grade 7

Sect. 2

- 1. Đỗ THỊ THÙY DƯƠNG. [In] Aug 13, 16, 20, 23, 25, 27, 30; Sep 1, 3,  $18 \bullet 19$ , 25, 26; Oct 2, 3, 9, 10, 16, 17,  $23 \bullet 24$ , 30, 31; Nov 6, 7, 13, 14, 20, 21,  $27 \bullet 28$ ; Dec 4, 5, 11, 12, 18, 19, 2022.
- 2. LÊ TIẾN ĐẠT. [In] Sep 18, 19, 25, 26; Oct 2, 3, 9, 10, 16, 17  $\bullet$  23, 24, 30, 31; Nov 6, 7, 13, 14, 20,  $24 \bullet$  27, 28; Dec 4, 5, 11, 12, 18, 19, 2022.
- 3. TRẦN NGỌC THÚY QUYÊN. [In] Sep 18, 19, 25, 26; Oct 2, 3, 9, 10, 16, 17  $\bullet$  23, 24, 30, 31; Nov 6, 7, 13, 14, 20, 21  $\bullet$  27, 28; Dec 4, 5, 11, 12, 18, 19, 2022.
- 4. Phạm Hữu Nhân. [In] Oct 10, 16, 17, 23, 24,  $\frac{30}{30}$ , 31; Nov 6, 7, 13 14, 20, 21, 27, 28; Dec 4, 5, 11,  $\frac{12}{30}$ , 18  $\circ$  19, 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, 2022.

### 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 4, 2, 9, 10, 14, 46, 23, 30; Nov 6, 13, 20, 27; Dec 4, 11, 18 2022.
- 3. Phan Đặng Tuyết Hồng. [In] Oct 9, 10, 14, 16, 23, 30; Nov 6, 13, 20, 27; Dec 4, 11 18, 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, 48, 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, 2022.
- 6. Đỗ KIM PHỤNG. [In] Oct 4, 2, 9, 10, 14, 16, 23, 30; Nov 6, 13, 20, 27, Dec 4, 11, 18 2022.
- 7. ĐƯỜNG NGỌC ANH THU. [In] Oct 7, 9, 14, 16, 21, 23, 28, 30; Nov 4, 6 11, 13, 18, 20, 27; Dec 2, 4, 11, 16, 18 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, 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.

Sect. 4 Elementary Chemistry

# 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. 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, 48, 2022.
- 3. 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, 2022.
- 4. DƯỜNG NGỌC ANH THU. [In] Oct 7, 9, 14, 16, 21, 23, 28, 30; Nov 4, 6, 11 13, 18, 20, 27; Dec 2, 4, 11, 16, 18, 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, 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. 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,  $\pm 8$ , 2022.
- 3. 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, 2022.
- 4. DƯỜNG NGỌC ANH THU. [In] Oct 7, 9, 14, 16, 21, 23, 28, 30; Nov 4, 6, 11 13, 18, 20, 27; Dec 2, 4, 11, 16, 18, 2022.

#### 3.2 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]

### 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, 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.

Sect. 6 Linguistics/English

# 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. 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,  $\frac{1}{4}$ 8, 2022.
- 3. 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, 2022.
- 4. 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, 2022.

## 4.2 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]

#### 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, 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  $\bullet$  23, 24, 30, 31; Nov 6, 7, 13, 14, 20,  $24 \bullet$  27, 28; Dec 4, 5, 11, 12, 18, 19, 2022.
- 2. TRẦN NGỌC THÚY QUYÊN. [In] Sep 18, 19, 25, 26; Oct 2, 3, 9, 10, 16, 17  $\bullet$  23, 24, 30, 31; Nov 6, 7, 13, 14, 20, 21  $\bullet$  27, 28; Dec 4, 5, 11, 12, 18, 19, 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, 2022.

# 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  $\bullet$  16, 21, 28, 30; Oct 3, 7, 10, 12, 19, 20  $\bullet$  21, 24, 28, 31; Nov 2, 3, 10, 14, 17, 24  $\bullet$  2022. [Pause]
- 3. 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, 2022.