

# Elementary STEM/Student

Nguyễn Quân Bá Hồng\*

Ngày 21 tháng 4 năm 2023

## Tóm tắt nội dung

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>.

## Mục lục

<b>1 Elementary Mathematics</b>	<b>3</b>
1.1 Grade 6	3
1.1.1 2022–2023	3
1.2 Grade 7	5
1.2.1 2022–2023	5
1.3 Grade 8	6
1.3.1 2022–2023	6
1.4 Grade 9	6
1.4.1 2022–2023	6
1.5 Grade 10	6
1.5.1 2022–2023	6
1.6 Grade 11	6
1.6.1 2022–2023	6
1.7 Grade 12	6
1.7.1 2022–2023	6
<b>2 Elementary Natural Science</b>	<b>7</b>
2.1 Grade 7	7
2.1.1 2022–2023	7
<b>3 Elementary Physics</b>	<b>7</b>
3.1 Grade 8	7
3.1.1 2022–2023	7
3.2 Grade 10	7
3.2.1 2022–2023	7
3.3 Grade 11	7
3.3.1 2022–2023	7
3.4 Grade 12	7
3.4.1 2022–2023	7
<b>4 Elementary Chemistry</b>	<b>8</b>
4.1 Grade 8	8
4.1.1 2022–2023	8
4.2 Grade 10	8
4.2.1 2022–2023	8
4.3 Grade 11	8
4.3.1 2022–2023	8
4.4 Grade 12	8
4.4.1 2022–2023	8
<b>5 Elementary Computer Science: Programming-Focused</b>	<b>8</b>
5.1 Grade 8	8
5.1.1 2022–2023	8

---

\*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).

5.2	Grade 10	9
5.2.1	2022–2023	9
5.3	Grade 11	9
5.3.1	2022–2023	9
5.4	Grade 12	9
5.4.1	2022–2023	9
<b>6</b>	<b>Olympiad/Calculator</b>	<b>9</b>
6.1	Grade 8	9
6.1.1	2023	9
<b>7</b>	<b>Linguistics/English</b>	<b>9</b>
7.1	Grade 10	9
7.1.1	2022–2023	9

# 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.
- **Reward & Punish Rule.**
  - For each 9–9.4: 30000 VND, 9.5–9.9: 40000 VND, 10: 50000 VND; 4–5: –30000 VND, 3–3.9: –40000 VND, 0–2.9: –50000 VND for each subject: elementary mathematics, chemistry, physics, programming, & linguistics/english (if having been taught).
  - Vòng Huyện Toán, Lý, Hóa, Tin, Giải Toán Trên Máy Tính Cầm Tay (MTCT): khuyến khích: 100000 VND, giải 3: 200000 VND, giải 2: 300000 VND, giải 1: 400000 VND.
  - Vòng Tỉnh Toán, Lý, Hóa, Tin, Giải Toán Trên MTCT: khuyến khích: 500000 VND, giải 3: 600000 VND, giải 2: 800000 VND, giải 1: 1000000 VND.
  - Vòng Quốc Gia Toán, Lý, Hóa, Tin, Giải Toán Trên MTCT: khuyến khích: 1200000 VND, giải 3: 1400000 VND, giải 2: 1600000 VND, giải 1: 2000000 VND.

**Remark 1.** *This rewards rule is a basic psychological test on endurance, perseverance, & pedagogical methodology.*

## 1 Elementary Mathematics

### 1.1 Grade 6

#### 1.1.1 2022–2023

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, 2022; Jan 3, 5, 10, 12, 31 • Feb 2, 7, 9, 14, 16, 21, 23, 28; Mar 2, 7 • 9, 14, 16, 21, 23, 28, 30; Apr 4, 6, 11 • 13, 18, 20, 25, 27; May 2, 4, 2023.

1. NGUYỄN THỊ KIM ANH. [In] Jul 25, 2022.
  - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, Feb, Mar, 2023.
  - Reward. 50000 VND [Math: midterm II: 10].
2. NGUYỄN HÀ NHỰT ANH. [In] Aug 24, 2022. [Re-In] Oct 15, 2022. Feb 21, 2023.
  - Paid tutor fee. Sep, Oct, Nov, Dec 2022; Jan, Feb, Mar, 2023.
  - Reward. 40000 VND [Math: midterm II: 9.5].
3. ĐỖ HOÀNG GIA BẢO. [In] Sep 22, 2022. [Out] Feb 9, 2023.
  - Paid tutor fee. Sep, Oct, Nov, Dec 2022; Jan, 2023.
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. [Out] Jan 2, 2023.
  - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 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.

<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).

- Reward. [Math: midterm II: 9].
9. TRẦN VĂN PHÁT LỘC. [In] Jan 31, 2023.
- Paid tutor fee. Feb, Mar, 2023.
10. NGÔ NGUYỄN PHƯƠNG NGHI. [In] Jul 25, 2022.
- Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, Feb, Mar, 2023.
  - Reward. 40000 VND [Math: midterm II: 9.5].
11. ĐỖ NGUYỄN BẢO NGỌC. [In] Sep 27, 2022. [Out] Feb 2, 2023.
- Paid tutor fee. Oct, Nov, Dec 2022. Unpaid tutor fee. Jan 2023.
12. ĐÀM KHÁNH NGỌC. [In] Oct 18, 2022.
- Paid tutor fee. Nov, Dec 2022; Jan, Feb, 2023.
  - Personality. Introverted.
  - Reward. 110000 VND [Math: midterm I: 9, final term I: 9.5, midterm II: 10].
  - Score. **DKN's 1st semester.**
13. NGUYỄN NHƯ NGỌC. [In] Jul 25, 2022.
- Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, Feb, Mar, 2023.
  - Personality. Introverted.
  - Reward. 1-euro coin + 100000 VND [Math: midterm I: 9.5, final term I: 9, midterm II: 9.8].
  - 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 2022; Jan, Feb, Mar, 2023.
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, Dec 2022; Jan, Feb, Mar, 2023.
  - Reward. 80000 VND [Math: midterm I: 9.5, midterm II: 10].
19. ĐÀO MINH HỒNG PHÁT. [In] Jul 25, 2022.
- Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, 2023.
20. NGUYỄN HỮU PHÁT. [In] Aug 1, 2022.
- Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, Feb, 2023.
21. NGUYỄN KHÁNH PHƯƠNG. [In] Jan 31, 2023.
- Paid tutor fee. Feb, Mar, 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.

---

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

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. [Out] Feb 5, 2023.
  - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022. Unpaid tutor fee. Jan 2023.
  - 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.
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. [Out]
  - 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 TUƠNG VY. [In] Aug 10, 2022. [Out] Dec 1, 2022.
  - Paid tutor fee. Aug, Sep, Oct, 2022.

## 1.2 Grade 7

### 1.2.1 2022–2023

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, 2022; Jan 8, 9, 30 • Feb 5, 6, 12, 13, 19, 20, 26, 27; Mar 5, 6 • 12, 13, 19, 20, 26, 27; Apr 2, 9, 10, 17 • 2023.
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, 2022; Jan 8, 9 • 30; Feb 5, 6, 12, 13, 19, 20, 26, 27; Mar 5 • 6, 12, 13, 19, 20, 26, 27; Apr 2, 9, 10 • 17, 2023.
  - Reward. 30000 VND [Natural Science: midterm I: 9.5].
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, 2022; Jan 8, 9 • 30; Feb 5, 6, 12, 13, 19, 20, 26, 27; Mar 5 • 6, 12, 13, 19, 20, 26, 27; Apr 2, 9, 10 • 17, 2023.
  - Reward. 170000 VND [Math: midterm I: 10, final term I: 9.3, midterm II: 10; Natural Science: midterm I: 10, final term I: 9, midterm II: 9.5]
  - 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, 2022; Jan 8, 9, 30; Feb 5, 6, 12, 13, 19, 20 • 26, 27; Mar 5, 6, 12, 13, 19, 20, 26, 2023. [Out]
  - Tutor fee. Monthly instead of 10-day period (Reason: parents cannot compute).
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; Jan 8, 9, 30; Feb 5, 6, 12, 13, 19 • 20, 26, 27; Mar 5, 6, 12, 13, 19, 20, 26 • 27; Apr 2, 9, 10, 17, 2023.
  - Reward. 30000 VND [Natural Science: midterm I: 9.75].

## 1.3 Grade 8

### 1.3.1 2022–2023

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, 2022; Jan 8; Feb 3, 5 • 10, 12, ~~17~~, 19, 24, 26; Mar ~~3~~, 5, 12, 17 • ~~19~~, 24, 26, 31; Apr 2, 7, 9, 14, 16, 21 • 23, 2023.
3. PHAN DẶNG TUYẾT HỒNG. [In] Oct 9, 10, 14, ~~16~~, 23, 30; Nov 6, ~~13~~, ~~20~~, ~~27~~ • Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb ~~3~~, 5, 10, 12 • ~~17~~, 19, 24, 26; Mar 3, ~~5~~, ~~12~~, 17, 19, 24 • 26, 31, Apr 2, 7, 9, 14, [paid] 16, 21, 23, 2023.
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, 2022; Jan 8; Feb 3, 5, 10, 12, 17 • ~~19~~, 24, 26; Mar 3, 5, 12, 17, 19, 24, 26 • 31; Apr 2, 7, 9, 14, 16, 21, 23, 2023.
  - Reward. 210000 VND [Math: midterm I: 9.75, midterm II: 9, Chemistry: midterm I: 9.5, final term I: 9.3, midterm II: 9.3, Physics: midterm II: 9.3].
5. NGUYỄN MAI DUY NGHĨA. [In] Apr 16, 2023.
6. HỒ TẤN PHÁT. [In] Apr 11, 12, 16, 2023.
7. 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, 2022; Jan 8; Feb ~~3~~, 5, 10, 12, ~~17~~, 19 • 24, ~~26~~; Mar 3, ~~5~~, 12, 17, 19, 24, 26, ~~31~~ • Apr 2, 7, 9, 14, 16, 21, 23, 2023.
  - Reward. 30000 VND [Math: midterm II: 9].
8. ĐỖ KIM PHỤNG. [In] Oct ~~1~~, 2, 9, 10, 14, ~~16~~, ~~23~~, 30; Nov ~~6~~, 13 • 20, ~~27~~, Dec 4, 11, 18, 25, 2022; Jan 8; Feb 5, ~~12~~, 19 • 26; Mar 5, 12, 19, 26; Apr 2, 7, 14, 16, 21 • 23, 2023.
9. ĐỖ HOÀNG QUÂN. [In] Feb 3, 10, 17, 24; Mar 3, 17, 24, 26, 31; Apr 2 • 7, 9, 14, 16, 21, 23, 2023.
  - Reward. 40000 VND [Math: midterm II: 9.5].
10. 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, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19, 24 • 26; Mar 3, 5, 12, 17, 19, 24, 26, 31; Apr 2 • 7, 9, 14, 16, 21, 23, 2023.
  - Reward. 220000 VND [Math: midterm I: 9.8, midterm II: 9; Chemistry: midterm II: 9.5; Physics: midterm II: 10].
11. TRƯƠNG HỒ YẾN QUỲNH. [In] Aug 5, 2022. [Out].

## 1.4 Grade 9

### 1.4.1 2022–2023

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

## 1.5 Grade 10

### 1.5.1 2022–2023

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 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

### 1.6.1 2022–2023

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; Feb 8, 10, 12, 15, 17, 19 • 22, 24; Mar 1, 6, 13, 15, 17, 20, 24, 31 • Apr 5, 7, 10, 17, 19, 21, 23, 2023.

## 1.7 Grade 12

### 1.7.1 2022–2023

1. ĐỖ THÀNH LỢI. [In] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13; Dec 4, 2022. [Out]
2. TRẦN ĐỨC THỊNH. [In] Sep 27; Oct 12, 2022. [Out]
3. DU HOÀNG TÚ. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 • 30; Dec 6, 2022; Feb 2, 7, 23; Mar 2, 28; Apr 6, 13, 2023.

## 2 Elementary Natural Science

### 2.1 Grade 7

#### 2.1.1 2022–2023

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, 2022; Jan 8, 9 • 30; Feb 5, 6, 12, 13, 19, 20, 26, 27; Mar 5 • 6, 12, 13, 19, 20, 26, 27; Apr 2, 9, 10 • 17, 2023.
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, 2022; Jan 8, 9 • 30; Feb 5, 6, 12, 13, 19, 20, 26, 27; Mar 5 • 6, 12, 13, 19, 20, 26, 27; Apr 2, 9, 10 • 17, 2023.
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; Jan 8, 9, 30; Feb 5, 6, 12, 13, 19 • 20, 26, 27; Mar 5, 6, 12, 13, 19, 20, 26 • 27; Apr 2, 9, 10, 17, 2023.

## 3 Elementary Physics

### 3.1 Grade 8

#### 3.1.1 2022–2023

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, 2022; Jan 8; Feb 3, 5 • 10, 12, 17, 19, 24, 26; Mar 3, 5, 12, 17 • 19, 24, 26, 31; Apr 2, 7, 9, 14, 16, 21 • 23, 2023.
3. PHAN DẶNG TUYẾT HỒNG. [In] Oct 9, 10, 14, 16, 23, 30; Nov 6, 13, 20, 27 • Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12 • 17, 19, 24, 26; Mar 3, 5, 12, 17, 19, 24 • 26, 31, Apr 2, 7, 9, 14, [paid] 16, 21, 23, 2023.
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, 2022; Jan 8; Feb 3, 5, 10, 12, 17 • 19, 24, 26; Mar 3, 5, 12, 17, 19, 24, 26 • 31; Apr 2, 7, 9, 14, 16, 21, 23, 2023.
5. NGUYỄN MAI DUY NGHĨA. [In] Apr 16, 2023.
6. HỒ TẤN PHÁT. [In] Apr 11, 12, 16, 2023.
7. 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, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19 • 24, 26; Mar 3, 5, 12, 17, 19, 24, 26, 31 • Apr 2, 7, 9, 14, 16, 21, 23, 2023.
8. ĐỖ HOÀNG QUÂN. [In] Feb 3, 10, 17, 24; Mar 3, 17, 24, 26, 31; Apr 2 • 7, 9, 14, 16, 21, 23, 2023.
9. 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, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19, 24 • 26; Mar 3, 5, 12, 17, 19, 24, 26, 31; Apr 2 • 7, 9, 14, 16, 21, 23, 2023.

### 3.2 Grade 10

#### 3.2.1 2022–2023

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 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

#### 3.3.1 2022–2023

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; Feb 8, 10, 12, 15, 17, 19 • 22, 24; Mar 1, 6, 13, 15, 17, 20, 24, 31 • Apr 5, 7, 10, 17, 19, 21, 23, 2023.

### 3.4 Grade 12

#### 3.4.1 2022–2023

1. ĐỖ THÀNH LỢI. [In] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13; Dec 4, 2022. [Out]
2. DƯ HOÀNG TỨ. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 • 30; Dec 6, 2022; Feb 2, 7, 23; Mar 2, 28; Apr 6, 13, 2023.

## 4 Elementary Chemistry

Elementary Chemistry with mathematical-chemistry-focused problems.

### 4.1 Grade 8

#### 4.1.1 2022–2023

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, 2022; Jan 8; Feb ~~3~~, 5 • 10, 12, ~~17~~, 19, 24, 26; Mar ~~3~~, 5, 12, 17 • ~~19~~, 24, 26, 31; Apr 2, 7, 9, 14, 16, 21 ◦ 23, 2023.
3. PHAN ĐẶNG TUYẾT HỒNG. [In] Oct 9, 10, 14, ~~16~~, 23, 30; Nov 6, ~~13~~, ~~20~~, ~~27~~ • Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb ~~3~~, 5, 10, 12 • ~~17~~, 19, 24, 26; Mar 3, ~~5~~, ~~12~~, 17, 19, 24 • 26, 31, Apr 2, 7, 9, 14, [paid] 16, 21, 23, 2023.
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, 2022; Jan 8; Feb 3, 5, 10, 12, 17 • ~~19~~, 24, 26; Mar 3, 5, 12, 17, 19, 24, 26 • 31; Apr 2, 7, 9, 14, 16, 21, 23, 2023.
5. NGUYỄN MAI DUY NGHĨA. [In] Apr 16, 2023.
6. HỒ TẤN PHÁT. [In] Apr 11, 12, 16, 2023.
7. 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, 2022; Jan 8; Feb ~~3~~, 5, 10, 12, ~~17~~, 19 • 24, ~~26~~; Mar 3, ~~5~~, 12, 17, 19, 24, 26, ~~31~~ • Apr 2, 7, 9, 14, 16, 21, 23, 2023.
8. ĐỖ HOÀNG QUÂN. [In] Feb 3, 10, 17, 24; Mar 3, 17, 24, 26, 31; Apr 2 • 7, 9, 14, 16, 21, 23, 2023.
9. 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, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19, 24 • 26; Mar 3, 5, 12, 17, 19, 24, 26, 31; Apr 2 • 7, 9, 14, 16, 21, 23, 2023.

### 4.2 Grade 10

#### 4.2.1 2022–2023

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

#### 4.3.1 2022–2023

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; Feb 8, 10, 12, 15, 17, 19 • 22, 24; Mar 1, 6, 13, 15, 17, 20, 24, 31 • Apr 5, 7, 10, 17, 19, 21, 23, 2023.

### 4.4 Grade 12

#### 4.4.1 2022–2023

1. ĐỖ THÀNH LỢI. [In] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13; Dec 4, 2022. [Out]
2. DU HOÀNG TÚ. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 • 30; Dec 6, 2022; Feb 2, 7, 23; Mar 2, 28; Apr 6, 13, 2023.

## 5 Elementary Computer Science: Programming-Focused

Pascal, Python, C/C++.

### 5.1 Grade 8

#### 5.1.1 2022–2023

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, 2022; Jan 8; Feb ~~3~~, 5 • 10, 12, ~~17~~, 19, 24, 26; Mar ~~3~~, 5, 12, 17 • ~~19~~, 24, 26, 31; Apr 2, 7, 9, 14, 16, 21 ◦ 23, 2023.
3. PHAN ĐẶNG TUYẾT HỒNG. [In] Oct 9, 10, 14, ~~16~~, 23, 30; Nov 6, ~~13~~, ~~20~~, ~~27~~ • Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb ~~3~~, 5, 10, 12 • ~~17~~, 19, 24, 26; Mar 3, ~~5~~, ~~12~~, 17, 19, 24 • 26, 31, Apr 2, 7, 9, 14, [paid] 16, 21, 23, 2023.



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, 2022; Jan 8; Feb 3, 5, 10, 12, 17 • 49, 24, 26; Mar 3, 5, 12, 17, 19, 24, 26 • 31; Apr 2, 7, 9, 14, 16, 21, 23, 2023.
5. NGUYỄN MAI DUY NGHĨA. [In] Apr 16, 2023.
6. HỒ TẤN PHÁT. [In] Apr 11, 12, 16, 2023.
7. 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, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19 • 24, 26; Mar 3, 5, 12, 17, 19, 24, 26, 31 • Apr 2, 7, 9, 14, 16, 21, 23, 2023.
8. ĐỖ HOÀNG QUÂN. [In] Feb 3, 10, 17, 24; Mar 3, 17, 24, 26, 31; Apr 2 • 7, 9, 14, 16, 21, 23, 2023.
9. 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, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19, 24 • 26; Mar 3, 5, 12, 17, 19, 24, 26, 31; Apr 2 • 7, 9, 14, 16, 21, 23, 2023.

## 5.2 Grade 10

### 5.2.1 2022–2023

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 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]

## 5.3 Grade 11

### 5.3.1 2022–2023

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; Feb 8, 10, 12, 15, 17, 19 • 22, 24; Mar 1, 6, 13, 15, 17, 20, 24, 31 • Apr 5, 7, 10, 17, 19, 21, 23, 2023.

## 5.4 Grade 12

### 5.4.1 2022–2023

1. ĐỖ THÀNH LỢI. [In] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13; Dec 4, 2022. [Out]
2. DU HOÀNG TÚ. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 • 30; Dec 6, 2022; Feb 2, 7, 23; Mar 2, 28; Apr 6, 13, 2023.

# 6 Olympiad/Calculator

## 6.1 Grade 8

### 6.1.1 2023

1. HỒ TẤN PHÁT. [In] Apr 11, 12, 16, 2023.

# 7 Linguistics/English

Linguistics/English should not be categorized by class but by level instead.

## 7.1 Grade 10

### 7.1.1 2022–2023

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 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]