

Issues and Science

Transitioning from
Second to Third Edition

EARTH IN SPACE & EXPLORING SPACE (Second Edition) **to**
SOLAR SYSTEM AND BEYOND (Third Edition)

Earth In Space Drawer 1



Exploring Space Drawer 1



| 2nd Ed Qty | 2nd Ed Drawer # | Description | 3rd Ed Drawer # | 3rd Ed Qty | Activity # where used | Part Number |
|------------|-----------------|--|-----------------|------------|-----------------------|-------------|
| 1 | 1ES* | Earth beach ball A | | 1 | 7, 8 | GL-009 |
| 8 | 1ES | Electric motors B | | 8 | 8 | MO-004 |
| 8 | 1ES | Leads, jumper, black C | | 8 | 8 | C1-WLBX8 |
| 8 | 1ES | Leads, jumper, red D | | 8 | 8 | C1-WLRX8 |
| 16 | 1ES | Rulers, metric, 30 cm <i>(16 from 2nd edition, 16 in 3rd edition drawer for a total of 32)</i> E | | 32 | 11, 14 | RU-004B |
| 8 | 1ES | Solar cells F | | 8 | 7 | SC-001 |
| 8 | 1EX** | Color pencils sets, 8 colors <i>(8 from 2nd edition, 8 in 3rd edition drawer for a total of 16)</i> G | | 16 | 6,12 | IAPS-P12 |

Solar System and Beyond Drawer 1

Third Edition



Solar System and Beyond Drawer 1

| No. | Description | Item No. |
|-----|--|----------|
| 1. | Earth beach ball (not shown) | GL-009 |
| 2. | Earth and Moon positions templates (for 8.5" x 8.5" foam boards) | SMS-L038 |
| 3. | Flashlights, LED | FL-001 |
| 4. | Moon Phase cards, set of 8 | SMS-L033 |
| 5. | Space Object cards, set of 6 | SMS-L034 |
| 6. | Sticks, wooden, 6" | WP-006F |
| 7. | Sticks, wooden, blue, 4" | WD-007B |
| 8. | Sticks, wooden, green, 6" | WD-007G |
| 9. | Sticks, wooden, purple, 8" | WD-007P |
| 10. | Sticks, wooden, red, 7.4" | WD-007R |
| 11. | Sticks, wooden, yellow, 4.6" | WD-007Y |
| 12. | Sun positions templates (for 3" x 3" foam boards) (underneath) | SMS-L039 |
| 13. | Color pencil sets, 8 colors | IAPS-P12 |
| 14. | Solar cells | SC-001 |
| 15. | Leads, jumper red | C1-WLRX1 |
| 16. | Leads, jumper, black | C1-WLBX8 |
| 17. | Electric motors | MO-004 |

Solar System and Beyond Drawer 2

Third Edition



Solar System and Beyond Drawer 2

| No. | Description | Item No. |
|-----|-------------------------------|----------|
| 1. | Rulers, metric, 30 cm | RU-004B |
| 2. | Foam balls, 1" | BA-022C |
| 3. | Foam boards, 1" x 3" x 3" | FB-002A |
| 4. | Foam boards, 1" x 8.5" x 8.5" | FB-002B |

Solar System and Beyond Drawer 3

Third Edition



Solar System and Beyond Drawer 3

| No. | Description | Item No. |
|-----|----------------|----------|
| 1. | Calculators | CA-019 |
| 2. | Foam balls, 2" | BA-022 |
| 3. | Foam balls, 3" | BA-022B |

SOLAR SYSTEM AND BEYOND, Third Edition IAES, SEPUP **Transition from 2nd to 3rd Edition**

| Qty | Drawer # | Description | Drawer # | Qty | where used | Number | |
|---|----------|---|--|------|------------|----------|--|
| 1 | 1ES* | Earth beach ball | 3rd Edition drawer numbers still to come | 1 | 7, 8 | GL-009 | |
| 8 | 1ES | Electric motors | | 8 | 8 | MO-004 | |
| 8 | 1ES | Leads, jumper, black | | 8 | 8 | C1-WLBX8 | |
| 8 | 1ES | Leads, jumper, red | | 8 | 8 | C1-WLRX8 | |
| 16 | 1ES | Rulers, metric, 30 cm <i>(16 from 2nd edition, 16 in 3rd edition drawer for a total of 32)</i> | | 32 | 11, 14 | RU-004B | |
| 8 | 1ES | Solar cells | | 8 | 7 | SC-001 | |
| 8 | 1EX** | Color pencils sets, 8 colors <i>(8 from 2nd edition, 8 in 3rd edition drawer for a total of 16)</i> | | 16 | 6,12 | IAPS-P12 | |
| Brand New items that come in the 3rd Edition Drawers | | | | | | | |
| | | Calculators | | 16 | 11, 12, 13 | CA-019 | |
| | | Earth and Moon positions templates (for 8.5" x 8.5" foam boards) | | 8 | 5 | SMS-L038 | |
| | | Flashlights, LED | | 17 | 3 | FL-001 | |
| | | Foam balls, 1" | | 8 | 5 | BA-022C | |
| | | Foam balls, 2" | | 8 | 5 | BA-022 | |
| | | Foam balls, 3" | | 16 | 3, 5 | BA-022B | |
| | | Foam boards, 1" x 3" x 3" | | 8 | 5 | FB-002A | |
| | | Foam boards, 1" x 8.5" x 8.5" | | 8 | 5 | FB-002B | |
| | | Moon Phase cards, set of 8 | 16 | 2 | SMS-L033 | | |
| | | Space Object cards, set of 6 | 8 | 10 | SMS-L034 | | |
| | | sticks, wooden, 6" | 16 | 3, 5 | WP-006F | | |
| | | sticks, wooden, blue, 4" | 8 | 5 | WD-007B | | |
| | | sticks, wooden, green, 6" | 16 | 5 | WD-007G | | |
| | | sticks, wooden, purple, 8" | 8 | 5 | WD-007P | | |
| | | sticks, wooden, red, 7.4" | 16 | 5 | WD-007R | | |
| | | sticks, wooden, yellow, 4.6" | 16 | 5 | WD-007Y | | |
| | | Sun positions templates (for 3" x 3" foam boards) | 8 | 5 | SMS-L039 | | |

*ES = The Earth in Space unit, 2nd edition

**EX = Exploring Space unit, 2nd edition

***This unit does not contain any consumable items