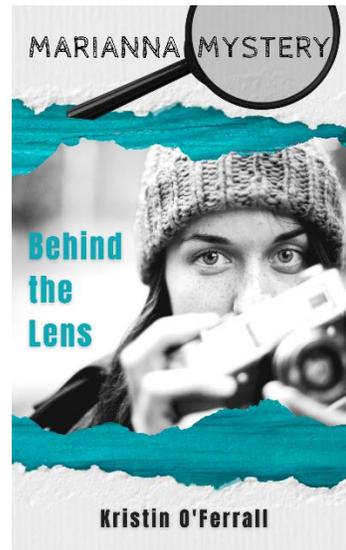
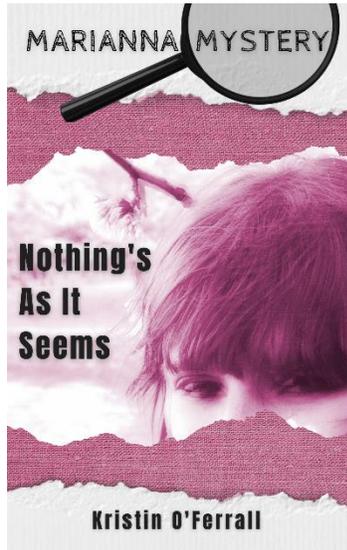


MARIANNA'S MONTHLY MYSTERIES

Based on the books in the Marianna Mystery series:



Available on Amazon.com

Welcome to the first edition of the *Marianna Monthly Mysteries*. Each month you will receive detective mysteries that Marianna needs help solving. Hone your investigative skills with a set of puzzles and activities that will sharpen your brain and educate you on the fine art of sleuthing.

In *Nothing's As It Seems*, book one of the *Marianna Mystery* series, a mysterious email lands in the in-box of Mr. Logan's class. This note had to be deciphered with the help of the periodic table.

Using the periodic table below, decode the following messages. Fill the boxes with the first letters of each corresponding element to help you figure out the remaining letters. **For example, Li in the periodic table stands for Lithium.** L I T E R A I U R E

1 H Hydrogen																	2 He Helium																														
3 Li Lithium	4 Be Beryllium											5 B Boron	6 C Carbon	7 N Nitrogen	8 O Oxygen	9 F Fluorine	10 Ne Neon																														
11 Na Sodium	12 Mg Magnesium											13 Al Aluminum	14 Si Silicon	15 P Phosphorus	16 S Sulfur	17 Cl Chlorine	18 Ar Argon																														
19 K Potassium	20 Ca Calcium	21 Sc Scandium	22 Ti Titanium	23 V Vanadium	24 Cr Chromium	25 Mn Manganese	26 Fe Iron	27 Co Cobalt	28 Ni Nickel	29 Cu Copper	30 Zn Zinc	31 Ga Gallium	32 Ge Germanium	33 As Arsenic	34 Se Selenium	35 Br Bromine	36 Kr Krypton																														
37 Rb Rubidium	38 Sr Strontium	39 Y Yttrium	40 Zr Zirconium	41 Nb Niobium	42 Mo Molybdenum	43 Tc Technetium	44 Ru Ruthenium	45 Rh Rhodium	46 Pd Palladium	47 Ag Silver	48 Cd Cadmium	49 In Indium	50 Sn Tin	51 Sb Antimony	52 Te Tellurium	53 I Iodine	54 Xe Xenon																														
55 Cs Cesium	56 Ba Barium											81 Tl Thallium	82 Pb Lead	83 Bi Bismuth	84 Po Polonium	85 At Astatine	86 Rn Radon																														
87 Fr Francium	88 Ra Radium	72 Hf Hafnium	73 Ta Tantalum	74 W Tungsten	75 Re Rhenium	76 Os Osmium	77 Ir Iridium	78 Pt Platinum	79 Au Gold	80 Hg Mercury	113 Nh Nihonium	114 Fl Flerovium	115 Mc Moscovium	116 Lv Livermorium	117 Ts Tennessine	118 Og Oganesson																															
<table border="1"> <tr> <td>57 La Lanthanum</td> <td>58 Ce Cerium</td> <td>59 Pr Praseodymium</td> <td>60 Nd Neodymium</td> <td>61 Pm Promethium</td> <td>62 Sm Samarium</td> <td>63 Eu Europium</td> <td>64 Gd Gadolinium</td> <td>65 Tb Terbium</td> <td>66 Dy Dysprosium</td> <td>67 Ho Holmium</td> <td>68 Er Erbium</td> <td>69 Tm Thulium</td> <td>70 Yb Ytterbium</td> <td>71 Lu Lutetium</td> </tr> <tr> <td>89 Ac Actinium</td> <td>90 Th Thorium</td> <td>91 Pa Protactinium</td> <td>92 U Uranium</td> <td>93 Np Neptunium</td> <td>94 Pu Plutonium</td> <td>95 Am Americium</td> <td>96 Cm Curium</td> <td>97 Bk Berkelium</td> <td>98 Cf Californium</td> <td>99 Es Einsteinium</td> <td>100 Fm Fermium</td> <td>101 Md Mendelevium</td> <td>102 No Nobelium</td> <td>103 Lr Lawrencium</td> </tr> </table>																		57 La Lanthanum	58 Ce Cerium	59 Pr Praseodymium	60 Nd Neodymium	61 Pm Promethium	62 Sm Samarium	63 Eu Europium	64 Gd Gadolinium	65 Tb Terbium	66 Dy Dysprosium	67 Ho Holmium	68 Er Erbium	69 Tm Thulium	70 Yb Ytterbium	71 Lu Lutetium	89 Ac Actinium	90 Th Thorium	91 Pa Protactinium	92 U Uranium	93 Np Neptunium	94 Pu Plutonium	95 Am Americium	96 Cm Curium	97 Bk Berkelium	98 Cf Californium	99 Es Einsteinium	100 Fm Fermium	101 Md Mendelevium	102 No Nobelium	103 Lr Lawrencium
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According to my five year old, a **Ag** **Cm** when feeling **Ts**
with the **Cu** **Co** is not an **Pu** but **Ce**, which
will have you **Fe** **A** in no **Sn**.

The hotel **N** **M** called the repairman to fix the **P**
 Rg **Ca** by the heavy **Ra** before anyone **Lv**
on the wet **F**.

The hotel night manager called the repairman to fix the leaky roof caused by the heavy rain before anyone slipped on the wet floor.

good in no time.

According to my five-year-old, a simple cure when feeling terrible with the common cold is not an apple but cereal, which will have you feeling

Answers:

Trait #1 for being a good detective: **OBSERVATION**



What is different?

10 things are different between the two photos. Can you find them?



Answer: (1) The word should be learn and not earn, (2) the bottom left pencil and shavings are darker, (3) the top left scissors are darker, (4) the top left pencil shavings are rotated differently, (5) the ABCs are wooden shadow at the top, (6) the center pencils are pointed in opposite directions, (7) there is an extra pencil at the bottom in photo two, (8) one of the erasers is larger in the bottom photo, (9) there is an extra pencil sharpener in photo two, and (10) there is an extra pencil in the top photo, right corner.