

18 As we wade leave the nucleus,
All The brain! [sound effect]
 18 We meet—
 19-23 The Organelles! Do-wop-shooby do!
 Do-wop-shooby do! [gesture]
 18 There are six members of this group—
 19-23 The Organelles! Do-wop-shooby do!
 Do-wop-shooby do! [gesture]
 19 Please step into the first one—The
 E.R.
 20 The E.R.—Is somebody sick?
**All No! E.R. stands for Endoplasmic
 Reticulum.**
 21 The E.R. is a network of canals...
 22 filled with fluid.
 23 You mean like a transport system?
All Yes!
 18 Let's continue our tour. Onto the
 next organelle.
**All [gesture] [sound effect] Warp speed
 ahead!**
 24 Now that we are in the cytoplasm,
 25 if you will look to your left, you will
 see the...
All: Ribosomes Factory, Yeah!
 26 They have been busy producing
 proteins for years.
**All [sound effect] [gesture] Ribosomes
 produce proteins.**
 24 Watch your step!
All [gesture]
 25 There is rough endoplasmic reticulum
 below—lining the membranes.
All Endoplasmic Reticulum, yuck!
 [gesture]
 26 Oooh!!! Is that pancakes I see?
ALL: Mmmm! [gesture]

24 No, those flattened membranous
 stacks are Golgi bodies storing protein
 until...
ALL: it leaves the cell. Out of here!
 [gesture]
 1 Now, if everyone will kindly shift your
 attention to the right [gesture], we are
 coming upon the lysosome.
 2 Lysol?
All No—lysosome!
 3 Lysosomes are small, sac-like
 structures surrounded by a single
 membrane.
 2 What's in the bag?
All It's a sac—not a bag!
 4 This sac contains strong digestive
 enzymes.
 1 Not only that, but when released, the
 enzymes can break down worn-out
 organelles or food.
All Break it down! Break it down!
 [gesture]
 2 I heard a rumor that lysosomes are
 also referred to as "suicide sacs!"
All [gesture] [sound effect]
 3 Now, don't be afraid—lysosomes just
 break down worn-out cell parts.
All [gesture] [sound effect]
 5 Continuing on, we see the
 mitochondria. [gesture]
All Check out all that POWER! Oooh!
 6 I may look like a tube, but I'm the
 powerhouse. [gesture] I'm really into
 respiration. [sound effect]
All What is respiration? [sound effect]
 7 Respiration is the releasing of food
 energy from food molecules that are
 used by the cell.

- All All cells have mitochondria, but muscle cells have more! [sound effect] **TO PUMP YOU UP!** [gesture]
- 8 We have now arrived at our final destination.
- All **The Rest Stop of the Cell!** [sound effect] **The vacuoles!**
- 9 Look—I see the snack machine!
- 7 That’s because vacuoles store food, water, sugar, and minerals.
- 8 I see restrooms!
- All [sound effect]
- 9 That’s because they store waste products here.
- All **Waste products! Ewww!**
- 7 It sounds like they’re cleaning, too. Listen.
- All [gesture] [sound effect]
- 8 You hear that because vacuoles act as a vacuum to clean the cell.
- All [sound effect]
- 9 It is clean in here!
- 1 And that concludes today’s tour with...
- All **Mighty Micro Tours...** [sound effect]
- 3 where our motto is...
- All **“We CELL-abrate the basic unit of life!”** [gesture]

Mammals

Curriculum-Based Readers Theatre Script

- 1 Welcome to Animal Boot Camp!
- All Yes, sir! [gesture]**
- 1 I am Officer Bear, your mammal sergeant.
- All Yes, sir! [gesture]**
- 1 These are my cadets,
2 Ricky Raccoon,
3 Donna Dog, and...
4 Herbert Horse.
- 2 For the next month, you will learn about classifying animals.
- 3 Classifying animals!
- All Classifying animals?**
- 4 What's that? [gesture]
- 1 When you classify, you put animals that are alike in some ways...
2 into the same group.
- 3 This week's group—Mammals!
- All Yes sir, mammals, sir! [gesture]**
- 1 First, you need animals with fur or hair. [gesture]
- 2 What comes first?
- All Animals with fur or hair, sir!**
- 2 Right! Fur or hair is one characteristic of a mammal!
- 3 Next, you need an animal born alive.
- All Not in an egg, sir?**
- 4 No! Most mammals are born alive.
- All Mammals—born alive, sir. [gesture]**
- 1 Also, mammal babies drink their mama's milk.
- All Mammals—mama's milk—yes, sir!**
- 2 Any questions?
- All Do all mammals live on land, sir?**
- 3 No! Whales and dolphins are mammals that live in the ocean.
- All Thank you, sir, for keeping us straight. [gesture]**
- 1 I don't know what you have heard. (marching in place)
- All (echo) I don't know what you have heard. (marching in place)**
- 1 Mammals all have hair or fur.
- All Mammals all have hair or fur.**
- 1 Mammal babes are born alive.
- All Mammal babes are born alive.**
- 1 They need their mama's milk to thrive.
- All They need their mama's milk to thrive.**
- 1 Sound off!
- All Hair or fur!**
- 1 Sound off!
- All Born alive!**
- 1 Sound off!
- All Mama's milk!**
- Sound off 1, 2—Mammals! [gesture]

Butterflies

Curriculum-Based Readers Theatre Script

1	They drink nectar!	14	Look at those cool patterns on the delicate wings.
2	They love the spring		
3	They are totally symmetrical.	All	[sound effect] By our account, the wing colors help butterflies with camouflage, mating, and mimicry!
4	They flutter each wing. [gesture]		
5	They are...	15	Camouflage – blending into the environment!
All	Beautiful, Brilliant, Blushing Butterflies! [gesture] [sound effect]	16	Mating – helping the male and female find each other.
6	Hi! We are your hosts for tonight’s dazzling show!	17	Mimicry – looking like something else in nature.
7	We are your lepidopterists!	18	Well I guess we’ve learned everything about butterflies!
8	What is a lepidopterist?	All	Not quite!
All	A lepidopterist is someone who studies beautiful, brilliant, blushing, butterflies! [gesture]	19	Then what did we leave out?
9	How many body parts does a butterfly have?	All	Butterflies – they love to feel with their feet! Butterflies – Two antennae – sweet! Legs, legs – skinny legs! Eggs, eggs – they start as eggs! Next stage is the pupa stage—
All	Three. [X] Three body parts. Head, thorax, abdomen, abdomen [gesture] Head, thorax, abdomen, abdomen [gesture]	20	What’s the pupa stage?
10	Ew! What’s that long straw thing coming out of the butterfly’s mouth?	All	Pupa is a caterpillar! Followed by chrysalis!
11	That’s its tongue!	21	Chrysalis?
All	[sound effect] The Scientific Terminology is proboscis.	All	Chrysalis – that’s where all the magic happens! [gesture]
12	Wha... Wha... What’s that butterfly doing on that flower?	22	What magic?
All	Chill out!	All	The transformation into an adult Beautiful, Brilliant, Blushing Butterfly! [gesture] [sound effect]
13	The butterfly is just...		
All	chilling out – basking its wings in the sun. [gesture] [sound effect]		

The Six Kingdoms of Life

Curriculum-Based Readers Theatre Script

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| <p>1 [sound effect]</p> <p>2 Hello, Welcome to the...</p> <p>All Homework Hotline. [sound effect]</p> <p>3 1-800 - H-O-M-E-W-O-R-K...</p> <p>4 where students get lots of help with their...</p> <p>All Hard Homework! [sound effect] [gesture]</p> <p>5 Press 1 for Math.</p> <p>6 Press 2 for Social Studies.</p> <p>7 Press 3 for Science.</p> <p>8 [sound effect]</p> <p>9 You have selected Science.</p> <p>10 Please hold for your Homework Hotline Helpers!</p> <p>11 [sound effect] Homework Hotline!</p> <p>12 My friends and I are really bombing Science! We have a test on the Kingdoms of Life tomorrow.</p> <p>11 Please hold while I get the Science experts.</p> <p>ALL We'll try the Science Guys! [X] We'll try the Science Guys! [X] Will, Will, [X] Will, Will, Will! We'll try the Science Guys. [X] Science Rules! [gesture]</p> <p>8 [sound effect] You have reached your homework Hotline Science experts.</p> <p>13 First of all, the kingdoms of life, who even knows what they are?</p> <p>14 Yeah, what's up with the kingdoms of life?</p> <p>ALL The kingdoms of life are a way to classify all living organisms.</p> <p>15 Does that include my pesky brother?</p> <p>All Unfortunately, yes! [gesture]</p> | <p>16 Can you please just name them?</p> <p>All Archaeobacteria, Eubacteria, Protista, Fungi, Plantae and Animalia. [sound effect]</p> <p>17 Did you name six kingdoms? I thought there were only five?</p> <p>8 Actually, the Moneran kingdom recently split into two because of its enormous size.</p> <p>18 Archaeobacteria and Eubacteria, what's the DIF?</p> <p>All Archaeobacteria is bacteria that has no nucleus [gesture] and lives in extreme environments.</p> <p>13 Like geothermal vents and acid pits?</p> <p>All Precisely! [gesture]</p> <p>19 Sorry, I am late; I had to take my penicillin.</p> <p>1 Lad, did you know that penicillin is a type of Eubacteria?</p> <p>13-19 Eubacteria?</p> <p>All Like Archaeobacteria, Eubacteria has no nucleus, but does not live in extreme environments.</p> <p>19 Do you mean I just swallowed bacteria?</p> <p>All Indeed, but you swallowed good bacteria, not harmful bacteria like E. Coli. [sound effect]</p> <p>13 Okay, I understand. Tell us more about the rest of the kingdoms, starting with Protista.</p> <p>2 Protista are usually single-celled organisms and they have a nucleus.</p> <p>14 Any more facts?</p> |
|---|--|

- 3 Most organisms in the Protista kingdom can only be seen through a microscope.
- 4 However, slime molds and algae can be seen with the naked eye.
- All **Protista: usually single-celled, have a nucleus, can be seen through microscopes, look like slimy mold with naked eye. [gesture]**
- 15 What's Fungi? I never understood that kingdom!
- 16 Yeah my mom is a baker and she told me that fungi helps her make bread, but never told me how!
- 5 Your mom is right. Yeast is an example of fungi which helps bread rise. Fungi are also multi-cellular. They steal food from decaying matter without being able to move.
- 15 Aren't mushrooms a type of fungi? My brother ate a mushroom and got sick.
- 17 Hey my brother is a FUN GUY, but he never steals food.
- 6 No, we are not talking about fun people; we are talking about a kingdom of life.
- All **Fun statements about Fungi are that they are multi-cellular, steal food from decaying matter, and can steal food even though they can't move! [gesture]**
- 18 Wait, aren't mushrooms a part of the plant kingdom? What's the DIF?
- 7 First of all, Plantae make their own food and mushrooms don't, so...
- All **mushrooms are in the Fungi kingdom.**
- 19 Yeah that's right, I remember my teacher talking about chlorophyll and photosynthesis, but I don't know what they are.
- 13 I think you were goofing off in class.
- All **Photosynthesis is the process where the plant converts the sun's energy using chlorophyll into oxygen and food. [sound effect]**
- 16 What kingdom do we human beings fall into?
- 8 Funny you should ask. We are part of the Animalia kingdom.
- 15 Let me guess. Unfortunately, my pesky brother is part of the Animalia kingdom too?
- 9 Yes, he is a mammal just like you. He is also multi-cellular, consumes living things for energy, and, like most Animalia, he can move.
- 17 My teacher was just talking about examples of Animalia yesterday.
- 18 I think he said insects, reptiles, crustaceans, mammals and fish as some examples.
- All **Animalia: multicellular, consume food, and move. [gesture]**
- 13-19 Wow that's a lot of information.
- 19 I hear my mom calling me for dinner. I think we're having meatloaf.
- 10 Did you know that meatloaf is...
- 13-19 Gotta go bye.
- 10 Thank you for calling...
- All **Homework Hotline [sound effect]**
- 3 1-800 - H-O-M-E-W-O-R-K
- 4 ...where students get lots of help with their...
- All **Hard Homework! [gesture] [sound effect]**

Electricity

Curriculum-Based Readers Theatre Script

- 1 Ladies and gentlemen, boys and girls,
let us introduce you to...
- All [sound effect] Electricity!
- 2 What's electricity?
- All Electricity is a form of energy and
light. [gesture]
- 3 Don't you people know anything?
- 4 Do we have electricity inside of us?
- 5 No, we have energy inside us...
- 6 which makes us walk, run, throw a
ball, and sometimes even...
- All clean our rooms! [gesture]
- 7 That's work!
- 8 Yo! You know electrical energy also
does work.
- 9 It lights your house.
- 10 Electrical energy also brings you
sound for your iPod.
- 11 (singing) Oh yeah!
- 12 Get over it! Let's get back on the
subject. Electricity also cools your
house.
- 11 My house is already cool.
- 12 No, I mean air conditioning!
- 13 *Your* energy comes from your food.
- 1 But for lights and stuff, the electricity
has to be made.
- 2 You go girl!
- 3 Electrical wires are made up of tiny
atoms.
- 4 What is an atom?
- 5 You mean like in math when you add
'em up?
- 4 No, *atom*, spelled A-T-O-M.
- All Atoms are tiny bits or particles and
each atom has smaller particles.
[gesture]
- 5 Oh. Now I get it.
- 6 Hey, look over there. It's a generator.
- All [gesture—All look where 6 points.]
- 7 Is that a magnet inside some coils?
- 8 Yes, the generator spins a magnet
inside the coils.
- 9 And there are even bigger generators
than this one.
- All Awesome! [gesture]
- 10 Big generators need much more
power to spin their coils or magnets.
- 11 Where does that power come from?
- 12 Wind, [sound effect]
- 13 flowing water, [sound effect]
- 1 or steam. [sound effect]
- All Wind, flowing water, or steam
produce power! [gesture]
- 2 As the coils or magnets spin,
electricity flows in the coils.
- 7 The electricity flows for many miles.
- 8 How?
- All Through wires that bring the
electricity to homes, schools, stores,
and so forth.
- 9 And then to your telephones, clocks,
TVs, stoves, computers, and....well,
you get it.
- All Right. We got it all—
[chant]
Energy, atoms, generators, [X]
Coils, magnets, wires! [X]—
Electricity is powerful stuff!
[sound effect] [gesture]

Sound

Curriculum-Based Readers Theatre Script

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| <p>1 Greetings Earthlings!</p> <p>2 We bring you signs of peace from the planet U.B. Mute...</p> <p>3 where there is no sound.</p> <p>4 We need to bring back all data on sound so that we Mutons...</p> <p>1 - 4 can communicate with you Earthlings.</p> <p>All Sounds like we can help you!</p> <p>1 What is sound anyway?</p> <p>All Sound is a form of energy made by vibrating molecules.
[sound effect] [gesture]</p> <p>1 - 4 Vibrating molecules.
[sound effect] [gesture]</p> <p>5 Hey Mutons, here's another sound factoid—</p> <p>All Sound is created by matter striking matter!
[gesture—Stomp, stomp, slap] “Uh!”</p> <p>1 - 4 [gesture—Stomp, stomp, slap] “Uh!”</p> <p>6 That “Uh” has a low pitch!</p> <p>1 - 4 Pitch? What is this pitch you speak of?</p> <p>All Pitch is the highness [gesture] or the lowness [gesture] of a sound.</p> <p>7, 8 Repeat after us!</p> <p>7 High pitch—fast frequency!</p> <p>All High pitch—Fast frequency!</p> <p>8 Low Pitch—Slow frequency!</p> <p>All Low Pitch—Slow Frequency!</p> <p>1 What is frequency?</p> <p>All Frequency is how many wavelengths go by [gesture] in a certain amount of time. [sound effect] [gesture]</p> <p>1 - 4 Sounds like a plan!</p> <p>9 But wait! There's more!</p> | <p>10 You Mutons—</p> <p>All M-Dogs! [gesture]</p> <p>10 ...still need to know about...</p> <p>All Wavelengths, compressions, and rarefactions too! [X]
This is more data from us to you! [X]
[gesture]</p> <p>11 Ready everyone?</p> <p>All Wavelength [gesture] is the distance between two compressions or rarefactions.</p> <p>1 - 4 Compression? Rarefaction?</p> <p>12 A compression is the part of the compressional wave where the molecules are...</p> <p>All tightly packed!
[gesture] [sound effect]</p> <p>3 What if the molecules are...</p> <p>1 - 4 far apart? [gesture]</p> <p>13 That my dear M-Dogs is...</p> <p>All Rarefaction. [gesture]</p> <p>1-4 Will sound travel through space?</p> <p>All NO WAY! [gesture] [chant]
Sound travels.... [X]
worst through a gas. [X]
Going through a liquid—
second easiest to pass. [X]
But sound through a solid
goes fast! fast! fast! [gesture]</p> <p>4 We M-Dogs thank you....</p> <p>1 We will soon return to your planet to hear more about....</p> <p>1 - 4 All Forms of Life!</p> <p>All Sounds GREAT! [Sound Effect: Hum space-age theme music.]</p> |
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Saturated Solutions

Curriculum-Based Readers Theatre Script

1	Want some Kool Aid?	14	Oh! [gesture]
2	Sure. Just mix that powder with the water.	15	Average minds are so slow.
1	[gesture] [sound effect]	Odds	Umm hmmm...We agree!
Evens	What's all that nasty stuff on the bottom of the pitcher? [sound effect]	16	Hey! We're smart in our own special way!
3	Pardon me, but your solution is obviously saturated.	18	Yeah we get it.
Evens	Huh? English please!	Evens	A solvent is like the water in the ocean.
5	A solution is composed of a solute that has dissolved into a solvent.	20	Or the water in iced tea.
Evens	Solution? Solute? Solvent? [gesture]	Evens	Or the water in our Kool Aid!
4	What in the world are they?	2	Uh, okay, but why is all that nasty stuff still at the bottom of the pitcher? [gesture]
7	When a solid dissolves into a liquid, it's called a solution.	3	Like I said before—
6	Oh I get it, like the ocean.	Odds	Your solution is saturated! [gesture]
8	Or iced tea.	22	Solution, I remember. It's when a solid dissolves into a liquid. But why is it saturated?
Evens	Or like our Kool Aid! [gesture]	21	It's saturated because no more solute can dissolve in the solvent.
5	Exactly!	Evens	It can't take anymore! [gesture]
Odds	Precisely. [gesture]	4	I can't take much more of this in general.
10	Then, what's a solute?	6	So the water in the Kool Aid is so full it can't take any more Kool Aid powder?
9	A solute is another word for a solid in a solution.	7	Exactly.
12	Oh I get it, like the salt in the ocean water,	Odds	Precisely. [gesture]
14	or sugar in your ice tea,	8	So what do we do now?
Evens	or our Kool Aid powder!	9	I believe it's time for a review.
11	So I suppose you don't know what a solvent is either?	Evens	Do we have to?
14	Is she that new rapper?	Odds	If you want your Kool Aid!
13	Not even close.	11	Define "solution!"
Odds	A solvent is the liquid part of a solution.		

Evens Solution – when a solid disappears
in to a liquid.
Odds Correct! [gesture]
13 Define “solute.”
Evens Solute – the solid in a solution.
Odds A-okay. [gesture]
15 Define “solvent.”
Evens Solvent – the liquid in a solution.
Odds Absolutely! [gesture]
17 Define “saturated.”

Evens Saturated – when a solution can’t
absorb any more of the solid. It’s
full!
Odds You got it! [gesture]
All Time for Kool Aid! [gesture]
10 It probably won't taste good with so
much powder added.
12 Saturated or not, I'm thirsty!
Evens Me, too! [gesture]
Odds 22 glasses of saturated solution
coming up! [gesture]
All [gesture] [sound effect]

Matter

Curriculum-Based Readers Theatre Script

- | | |
|--|--|
| <p>1 Ladies and gentlemen!</p> <p>2 Boys and girls!</p> <p>3 Welcome to tonight's program...</p> <p>All "Matter Matters!"
[gesture] [sound effect]</p> <p>4 What's matter?</p> <p>5 My pet monkey Fitzgerald ran away!</p> <p>6 Not What's <u>the</u> matter - What's matter?</p> <p>ALL Matter is anything that takes up space [gesture] and has mass.
[gesture] [sound effect]</p> <p>7 Like a tree or like a cup of tea.
[gesture]</p> <p>All Or like me! [gesture]</p> <p>8 Tonight's show,</p> <p>All "Matter Matters," [gesture] [sound effect]</p> <p>8 is brought to you by...</p> <p>All zillions of molecules! [gesture]</p> <p>9 Molecules that are always in motion!</p> <p>10 Starring in tonight's show are...</p> <p>All The 3 types of matter [gesture]</p> <p>11 From the Solid State here's Sammy Solid!</p> <p>All One Smart Solid!
[gesture] [sound effect]</p> <p>4 He's in such great shape!</p> <p>12 From the Liquid State, please welcome Lily Liquid!</p> <p>All She just goes with the flow.
[gesture] [sound effect]</p> | <p>13 From the Gas State, we hope you enjoy Gary Gas!</p> <p>All He's one floating, free spirit!
[gesture] [sound effect]</p> <p>14 Can you tell us about yourself, Sammy Solid?</p> <p>15 I keep in shape and all my molecules are tightly packed. [gesture]</p> <p>All Tightly packed. [gesture]</p> <p>16 Now, splashy Lily Liquid, can you tell us about yourself?</p> <p>17 I don't care what shape I'm in! I change my shape to fit the latest fashion in containers!</p> <p>All You flow girl! [gesture]</p> <p>18 Gary Gas, you smell good today.</p> <p>19 Thank you. Thank you very much.</p> <p>18 Tell us - Why don't you keep your shape?</p> <p>19 My job is to fill the space and let my molecules float freely!</p> <p>All Free at last! [gesture]</p> <p>1 Sorry folks, but it's time now to say good-bye to...</p> <p>All Solid, Liquid, and Gas: The 3 types—or states—of matter! [gesture]</p> <p>2 Join us next time when we'll talk about...</p> <p>3 physical and chemical changes!</p> <p>5 Here on...</p> <p>All "Matter Matters!"
[gesture] [sound effect]</p> |
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Atoms

Curriculum-Based Readers Theatre Script

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| <p>1 Three, two, one – we’re live!</p> <p>2 Up next on...</p> <p>All iAdam! [sound effect]</p> <p>3 ...we’ll take an intriguing look into the world of...</p> <p>All Atoms! [sound effect] [gesture]</p> <p>4 So give it up for that guy known as the building block of all matter—</p> <p>2 so small that, actually, he cannot be seen by the human eye—</p> <p>4 Our host –</p> <p>All Adam the Atom! [gesture] [sound effect]</p> <p>5 Good evening, science fans! It is I—Adam the Atom!</p> <p>All “Atom” from the Greek meaning uncuttable or indivisible! [gesture]</p> <p>6 Hey Adam—show us what you’re made of!</p> <p>5 Ha ha! Of course! I am the smallest unit of an element, but a big part of me is here with us tonight!</p> <p>7 Ladies and gentlemen, please welcome...</p> <p>8 The man full of protons and neutrons—</p> <p>9 Who’s the man?</p> <p>All Nuke the Nucleus! [gesture] [sound effect]</p> <p>11 I just love being the center of attention.</p> <p>12 That’s because he’s the center of the atom.</p> <p>13 Can I have your autograph?</p> <p>14 I’m your biggest fan!</p> <p>15 Hey—what’s that cloud of negativity surrounding the Nuke the Nucleus?</p> | <p>5 Fans, it’s none other than that whiz kid who runs circles around my nucleus—</p> <p>All Electronica Electron! [gesture]</p> <p>16 Watch out—I am negatively charged today.</p> <p>17 Aren’t electrons always negatively charged?</p> <p>18 Shh! Yes, but let’s not get on her bad side.</p> <p>19 What about your protons and neutrons, Adam?</p> <p>20 Yeah—don’t we get to meet them tonight?</p> <p>All Protons! Neutrons! Protons! Neutrons! [gesture]</p> <p>11 Adam—since I am made up of protons and neutrons, please let me do the honor.</p> <p>5 Go right ahead, Nuke!</p> <p>11 By popular demand, right here on iAdam, those two parts of an atom that have the most atomic weight—Protons....</p> <p>All Protons with their positive electrical charge? [gesture]</p> <p>11 Positively! And—Neutrons....</p> <p>All Those no charge/neutral Neutrons? [gesture]</p> <p>11 Absolutely! Here they are!</p> <p>21,22 Hi everyone. We’re proud to join forces with Electronica Electron and be called...</p> <p>16,21,22 The three basic parts of an atom!</p> <p>All Protons! Neutrons! Electrons! [gesture]</p> <p>5 I can’t tell you how emotional I’m feeling to have all of you on my show!</p> <p>All [sound effect]</p> |
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5 You're part of me—Adam the Atom—
and you always will be!

2 Adam, we're just about out of time
now.

3 But there's more to know about the
intriguing world of...

All **Atoms!** [sound effect] [gesture]

4 There certainly is!

6 Join us for next week's show and you'll
learn why atoms bond!

All [sound effect]

7 Let's thank that guy known as the
building block of all matter—

8 —so small that actually, he cannot be
seen by the human eye—

9 Our host -

All **Adam the Atom!**
[gesture] [sound effect]

10 And we'll see all you science fans right
here next week on...

All **iAdam!** [sound effect]

Magnets

Curriculum-Based Readers Theatre Script

1	Attract [gesture]—Repel [gesture]	All	A magnetic field is the invisible area around us magnets that carries magnetic force to other objects. [gesture]
All	Attract [gesture]—Repel [gesture] Attract [gesture]—Repel [gesture]		
2	Excuse me. Could somebody tell us what's going on here?	2,3,4	Oh. Sounds powerful.
3	Um, yeah. I mean, like, what's happening?	All	Uh huh. That's right—'cause we've got magnetic force—the push or pull of a magnet! [gesture] [sound effect]
4	And why are you all going....	11	Magnetism is one of the main forces of nature, kids.
All	Attract [gesture]—Repel [gesture] Attract [gesture]—Repel [gesture]	4	Like gravity?
5	We're just a bunch of magnets.	All	Yes, like gravity—which causes objects to be attracted to each other. [gesture]
2, 3, 4	Magnets?	12, 13	Magnetism, on the other hand,
All	Yeah, magnets— things that attract other magnets. [gesture]	All	causes <u>magnetized</u> objects to be attracted to each other. [gesture]
6	We're just trying to get in shape. Magnetic Field Day is next week!	2,3,4	Oh yeah, we see. [gesture] [sound effect]
2, 3, 4	Attract [gesture]—Repel? [gesture] Attract [gesture]—Repel? [gesture]	12, 13	Oh no you do not see! [gesture] [sound effect]
All	Attract [gesture], in fact, just means to pull together. [gesture] Repel [gesture], oh well, just means to push apart. [gesture]	14	No one can actually see magnetism.
2	Why do you want to get in shape?	All	Magnetism is an invisible force that can make some things move towards each other, [gesture]
7	We have got to be able to attract other magnets.	15	move away from each other, [gesture]
8	Right! We magnets need to shape up our iron, nickel, and other metals!	All	or stay in one place. [gesture] [sound effect]
All	Iron, nickel, and other metals—that's some of the material we're made of!	2	Invisible? Then how do you know it's real?
3	And just where will all of this happen?	16	Even though you can't see magnetism,
9	In a magnetic field, of course!	All	you can look at magnets and see what happens to things that are put near them. [gesture] [sound effect]
2,3,4	What's a magnetic field?		
10	Don't these kids know anything? [gesture]		

- | | | | |
|----|--|------------|--|
| 17 | When magnets and some metals are inside a magnetic field, magnetism makes them move. | All | a magnet created by passing an electric current through coils of wire. [gesture] [sound effect] |
| 18 | Back to our workout, magnets! | 4 | What's a...? [gesture] |
| 3 | Wait a minute! One more magnet question—What's an electromagnet? | 17 | No more questions! We've got to be attractive for Magnetic Field Day. |
| 16 | An electromagnet is... | All | Attract [gesture]—Repel [gesture]
Attract [gesture]—Repel [gesture] |

Science Fair Projects

Curriculum-Based Readers Theatre Script

1	Welcome to Science Fair Boot Camp!	All	[marching]
All	Yes, sir!		Step by Step! Step by Step!
1	I am Officer Ray, your Science Fair sergeant.	4	Halt! [Pause for marching to stop.]
			Following procedures, you need...?
All	Yes, sir!	7	Design, sir!
1	These are my cadets, Jones, Johnson, and James. [Played by Speakers 2, 3, and 4]	4	Excellent, Private!
		1	And what does design mean?
2	For the next two weeks, you will learn how to do your Science Fair project.	All	Design is format! [gesture]
1	First, you need a science problem.	8	It's the way you investigate your problem, sir!
2	What comes first?	1	Correct!
All	The science problem, sir!	2	And is that all you need in a Science Fair project?
2	Right! The scientific problem to be solved!	All	No, sir! [gesture]
3	Next, you must make an educated guess about your outcome!	3	What else is there?
4	What is this educated guess called?	9	Results, sir!
All	Hypothesis, sir!	10	Conclusions!
4	Hypothesis! Correct!	All	[marching]
3	You also need materials!		Results! Conclusions!
4	In a List!		Results! Conclusions!
All	Materials List! Check!	3	Halt! [Pause for marching to stop.]
1	Who knows what comes next?		Meaning?
5	Conclusion!	9	Results tell what happened in your experiment.
1	Wrong! Drop and give me 5!	10	Conclusions discuss what you learned, sir!
6	[Laughs at 5]	4	All right, soldiers. Drill time!
2	You think it's funny?		Science Fair Projects! Hut 2, 3, 4!
6	Uhhhh...	All	[marching]
2	Drop and give me 5!		Question, 2, 3, 4!
3	The accurate answer is		Hypothesis, 2, 3, 4!
All	Procedures, sir!		Materials, 2, 3, 4!
1	Correct! The steps in your project!		Procedures, 2, 3, 4!
			Design, 2, 3, 4!
			Results, 2, 3, 4!
			Conclusions, 2, 3, 4!

1 Halt! [Pause for marching to stop.]
Attention!
You're a scruffy looking group, but
we'll shape you up here at Science Fair
Boot Camp!

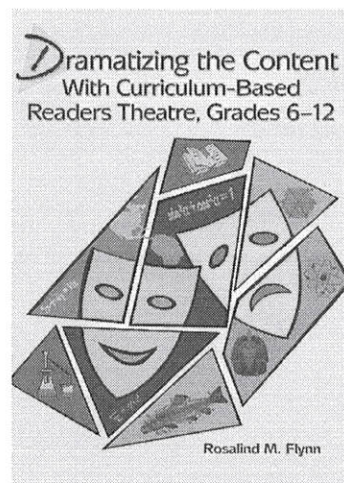
All Sir! Yes, sir! [gesture]

2 Dismissed!

Also by Rosalind M. Flynn

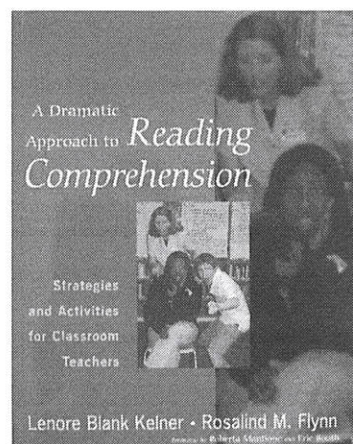
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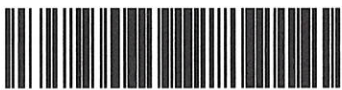


Visit Rosalind's web site for information about her books and the professional development courses, workshops, and summer institutes that she presents.

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Rosalind also offers online presentations about her Curriculum-Based Readers Theatre work. Complete information can be found at this web site.

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