



**Biodiversity** is really cool! We learned about it today in school.  
 The **ecosystem**—that's where it's at. And where organisms live, that's their **habitat**.  
 Now to have an ecosystem that is so fine, you gotta have variety down the line.  
 You need lots of animals. And plants, too. Usually more is better than just a few.  
 To keep biodiversity in days to come, we can't keep the animals on the run.  
 But if I do my part and you do yours, we can **ALL** protect the great outdoors.  
 Swamps and wetlands and tall cool forests, can use our help, and I'm all for it.  
 'Cause if habitats are there for lots of critters, they'll be there for me, and that's all the better.  
 So now that you've heard my diversity song, I hope on the next round that you'll sing along.  
 And teach it to others—and our feet we'll all tap. As **EVERYONE** does the **Biodiversity Rap!**

## Can YOU Break the Code???

You are an ecologist working at the Savannah River Ecology Lab. While sampling the habitat of nearby Upper Three Runs Creek you discovered a coded message. Could it be from a long-lost civilization, or just a message left for you by one of your fellow scientists? Use the code provided on the next page to decipher the message.

$\overline{6} \ \overline{16} \ \overline{20} \ \overline{10} \ \overline{16} \ \overline{18} \ \overline{4} \ \overline{5} \ \overline{17} \ \overline{16} \ \overline{3} \ \overline{14} \ \overline{16} \ \overline{17} \ \overline{17} \ \overline{20}$   
 $\overline{19} \ \overline{16} \ \overline{7} \ \overline{4} \ ! \ \overline{9} \ \overline{12} \ \overline{18} \ \overline{16} \ \overline{7} \ \overline{8} \ \overline{1} \ \overline{20} \ \overline{3} \ \overline{17} \ \overline{20} \ \overline{19}$   
 $\overline{9} \ \overline{12} \ \overline{6} \ \overline{16} \ \overline{3} \ \overline{12} \ \overline{3} \ \overline{17} \ \overline{16} \ \overline{17} \ \overline{10} \ \overline{4} \ \overline{18} \ \overline{16} \ \overline{7} \ \overline{4} \ !$   
 $\overline{3} \ \overline{9} \ \overline{4} \ \overline{7} \ \overline{21} \ \overline{1} \ \overline{12} \ \overline{7} \ \overline{3} \ \overline{17} \ \& \ \overline{12} \ \overline{7} \ \overline{16} \ \overline{13} \ \overline{12} \ \overline{1} \ \overline{17}$   
 $\overline{2} \ \overline{12} \ \overline{7} \ \overline{1} \ \overline{16} \ \overline{18} \ \overline{4} \ \& \ \overline{8} \ \overline{5} \ \overline{20} \ \overline{11} \ \overline{11} \ \overline{9} \ \overline{16} \ \overline{2} \ \overline{9}$   
 $\overline{16} \ \overline{17} \ \overline{8} \ \overline{5} \ \overline{4} \ \overline{12} \ \overline{3} \ \overline{19} \ \overline{20} \ \overline{5} \ \overline{20} \ \overline{23} \ \overline{5}$   
 $\overline{21} \ \overline{1} \ \overline{12} \ \overline{7} \ \overline{4} \ \overline{3} \ \overline{12} \ \overline{17} \ \overline{14} \ \overline{20} \ \overline{23} \ \overline{15} \ \overline{7} \ \overline{20} \ \overline{11} \ .$

# Can You Break the Code???

LETTER	ANSWER THESE QUESTIONS TO FIND THE CODE FOR EACH LETTER	CODE
A	$36 \div 3$	
B	$(2 \times 5) - 4$	
C	$(6 \times 2) - 10$	
D	$(5 \times 3) - 5$	
E	$2 \div 0.5$	
F	$(3 \times 6) + 1$	
G	$(2 - 1) + (7 \times 1)$	
H	$(3 \times 3) \div 1$	
I	$(8 \times 4) \div (1 \times 2)$	
J	$1 + (3 \times 7)$	
K	$(5 + 5) + (10 \div 2)$	
L	$(4 \times 3) \div 12$	
M	$(11 \times 2) - 9$	
N	$(10 \times 2) - 13$	
O	$(5 \times 2) \times 2$	
P	$(24 \div 8) \times 7$	
R	$(5 \times 2) \div 2$	
S	$(6 \times 2) + 1 + (1 \div 0.25)$	
T	$(0.5 \times 4) + 1$	
U	$(4 \times 5) + (6 \div 2)$	
V	$(6 \times 3) + 0$	
W	$1 + (20 \div 2)$	
Y	$3 + 9 + 2$	

**Congratulations!**  
**Now use your code to decipher the message.**