

# Evaluating the Rocky Mountain Spotted Fever Curriculum: Pre- and Post-Tests



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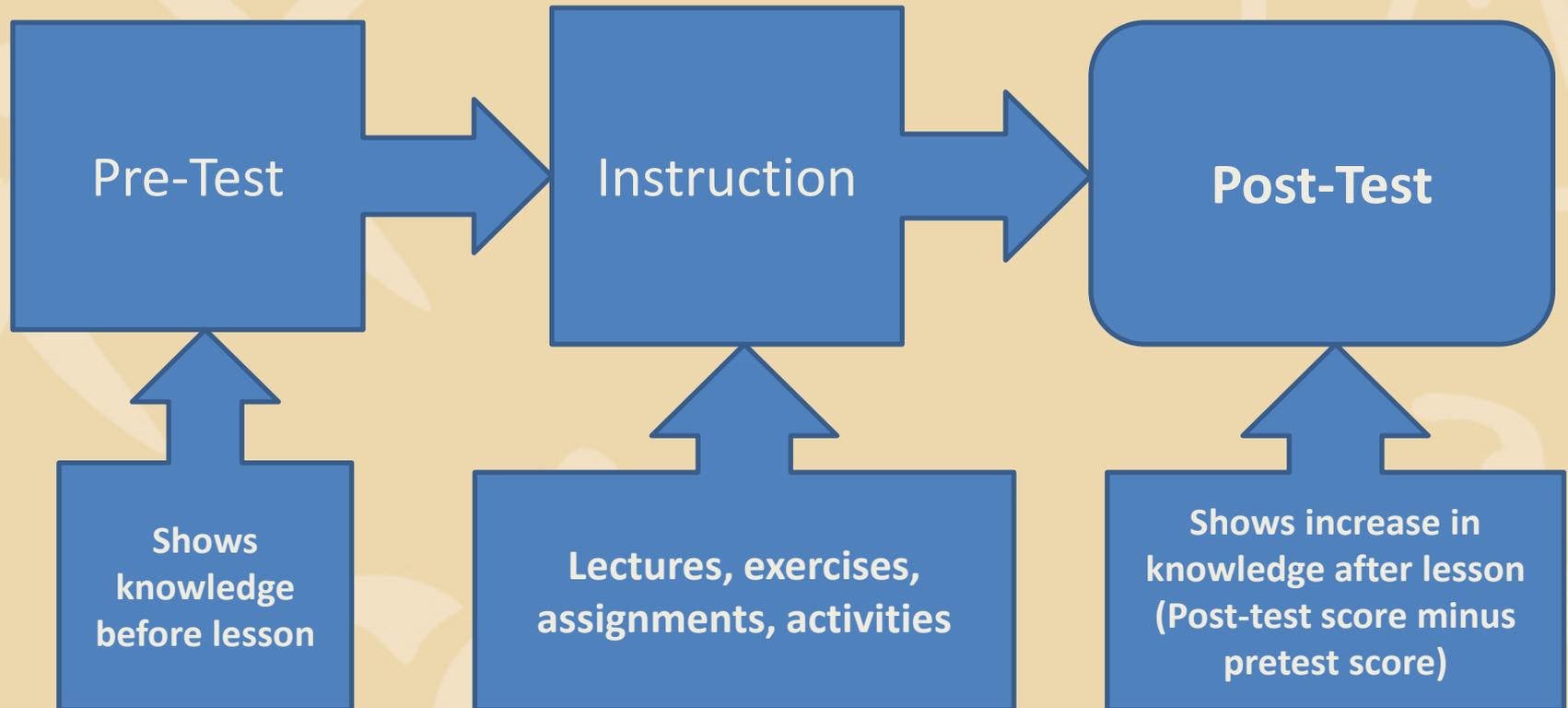
# What are Pre-Post Tests?

- Tests given before and after a training
- Used to measure what people learn during a training session
- Can be given immediately after a lesson or later (e.g. 1 month, 3 months, 6 months)
- Uses the same test for both pre- and post-testing





# Pre-Post Test Model





# Why do we need RMSF Curriculum Pre-Post Tests

- It is a new curriculum. We need to know if it is effective.
- To see if the students are the learning lessons
- To see if learning level needs to be changed for different age groups
- To see if some topics are not as clear as others
- To improve the curriculum



# Advantages of Pre-Post Tests

- Useful to measure increase in knowledge from lessons
- Pre-tests can let you know what the basic level of knowledge is in that age group and the community which can help target public outreach
- Uses the same questions on each test so the achievement on important topics can be measured



# Disadvantages of Pre-Post Tests

- If the pre-test scores are so low that they can only go up, so the lesson might appear much more effective than it would be with another group
- If the pre-test scores are so high that little improvement will be possible in the post-test scores, so the lesson look less effective than it would be with another group
- By using the same test for both the pre- and post-test, some students can absorb knowledge just from taking the test

# Pre-Post Test Tips

- Make sure the two tests have the same questions
- Make sure the test is at the right level for the age group
- Check that the test asks questions on the topics you care about the most
- Consider using the same test as your peers
- Try to make sure that the conditions under which the student takes the pre-post tests are as similar as possible
- Make sure you look at the scores later to find places where the lesson plan might need improvement





# Example of Pre/Post Tests





Questions?



# Tribal Epidemiology Center

Arizona Nevada Utah

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